Information Management

A System We Can Count On

Ontario Health Planning Data Guide

Ministry of Health and Long-Term Care

Release 2.0

September 1, 2005

Ontario

105-07169/

Table of Contents

Page

Acknowledgements v

Introduction 1
- Information Management and Changing Health Care 1
- About the Data Guide 1
- Content and Organization 1
- Comments 2
- What's New 3
- How to Read this Data Guide 4

Information Holding/Data Category/Health Topic Cross Reference 7

Information Holdings: Provincial 11

Acute Services Division (MOHLTC) 11
- Health Care Programs Provider Database (HCPDB) 12
- Ambulance Response Information System (ARIS, ARIS II) 14

Canadian National Institute for the Blind 17
- Service Tracking System 18

Cancer Care Ontario 21
- Activity Level Reporting Database for Integrated Cancer Programs 22
- Cervical Screening Program (CytoBase) 25
- New Drug Funding Program Database (NDFPDB) 28
- Oncology Wait Times Database (OWTDB) 31
- Ontario Breast Screening Program Database (OBSPDB) 34
- Ontario Cancer Registry (OCR) 37
- Pathology Information Management System (PIMS) 40

Cardiac Care Network of Ontario 43
- Cardiac Waiting List Registry (CWLR) 44

College of Nurses of Ontario 49
- Nursing Database 50

College of Physicians and Surgeons 53
- Physicians and Surgeons Database 54

Community Health Division (MOHLTC) 57
- CHC MIS Program Evaluation System 58
- CPRO (Client Profile Database) 61

Drug and Alcohol Registry of Treatment (DART) 63
Drug and Alcohol Treatment Information System (DATIS) 66
Homes for Special Care (HSC) 69
Interim Assessment 71
Levels of Care Classification System (LOC) 73
Long-Term Care Planning and Renewal Branch Management Information System (MIS) 75
Midwifery Management Information System (MMIS) 78
OCCM (Occupancy Monitoring Database) 80
Ontario Home Care Administration System (OHCAS) 83
Ontario Problem Gambling Helpline (OPGH) 86
TDM (Trend Data Management) 89

Electronic Child Health Network 91

Health Information Network (HiNet) 92

Finance and Information Management Branch (MOHLTC) 95

Common Data Set-Mental Health (CDS-MH) 96
Community Care Access Centres Budget Database (CCAC Budget DB) 99
Community Mental Health Programs Budgets and Inventory (CMHPBI) 101
Community Services System (CSS) 103
Community Treatment Orders Information Records (CTOIR) 107
Daily Census Summary (DCS) 109
Facility Monitoring Information System (FMIS) 112
Master Numbering System (MNS) 116
Medical Trainee Database (MTD) 119
MOHLTC Facility System 122
Ontario Case Costing Initiative (OCCI) 127
Ontario Healthcare Financial and Statistical System (OHFS) 130
Ontario Mental Health Reporting System (OMHRS) 134
Ontario Resident Coding System (ORCS) 137
Provincial Psychiatric Hospitals Discharge Abstract Database (PPH-DAD) 139
Regional Office Allocations Database (ROAD) 141
Supportive Housing System (SHS) 143

Health Services Division (MOHLTC) 145

Claims History Data Base (CHDB) 146
Corporate Provider Database (CPDB) 149
Laboratory Inspection and Licensing Information (LILI) Database 153
Laboratory (LABRYNTH) System 156
Ontario Drug Benefit Program – Health Network System 159
Registered Persons Database (RPDB) 162

Heart and Stroke Foundation of Ontario 165

Canadian Pediatric Ischemic Stroke Registry 166

Knowledge Management and Reporting Branch (MOHLTC) 169

Health Information Library (Standard Files) 170
Provincial Health Planning Database (PHPDB) 173

Ministry of Children's Services 177

Children In Need of Treatment (CINOT) 178

Ministry of Transportation 181

Accident Database System (ADS) 182

Ontario Cancer Research Network 185

Clinical Trial Management System (CTMS) 186

Ontario Joint Replacement Registry 189

Ontario Joint Replacement Registry (OJRR) 190

Ontario Physician Human Resources Data Center 195

Active Physician Registry (APR) 196
Ontario Postgraduate Medical Trainee Registry (OPMTR) 198
Physician Hospital Appointments Listing (PHAL) 200

Pediatric Oncology Group of Ontario 203

Pediatric Oncology Group of Ontario Networked Information System (POGONIS) 204

Perinatal Partnership Program of Eastern & South-Eastern Ontario (PPPESO) 209

Niday Perinatal Database 210

Public Health Division (MOHLTC) 213

Health Planning System (HELPS) 214
Immunization Records Information System (IRIS) 217
Reportable Disease Information System (RDIS) 220

Information Holdings: Federal 223

Canadian Institute for Health Information 223

Canadian Joint Replacement Registry (CJRR) 224
Canadian Management Information System Database (CMDB) 227
Canadian Organ Replacement Register (CORR) 230
Continuing Care Reporting System (CCRS) 233
Discharge Abstract Database (DAD) 236
Health Personnel Database (HPDB) 239
Hospital Mental Health Database (HMHDB) 242
Hospital Morbidity Database (HMDB) 245
Licensed Practical Nurses Database (LPNDB) 248
National Ambulatory Care Reporting System (NACRS) 250
National Health Expenditure Database (NHEX) 253
National Physician Database (NPDB) 256
National Prescription Drug Utilization Information System (NPDUIS) 258
National Rehabilitation Reporting System (NRS) 261
National Trauma Registry (NTR) 264
OECD Health Database (Canadian Segment) 267
Ontario Trauma Registry (OTR) 270
Registered Nurses Database (RNDB) 273
Southam Medical Database (SMDB) 276

Therapeutic Abortions Database (TADB) 279

Statistics Canada *283*

Canadian Cancer Registry (CCR) 284

Glossary of Terms 287

Acknowledgements

The Health Results Team on Information Management would like to thank the many individuals, both internal and external to the Ministry of Health and Long-Term Care, who contributed to the development of this data guide. Given the large number of health care information holdings under consideration for inclusion in the data guide, our team would have been unable to complete this guide within such a short timeframe without their cooperation and assistance in vetting content.

IM-IAG Members

Helen Angus, Cancer Care Ontario
Carol Appathurai, Health Information Privacy Branch (MOHLTC)
Pat Baranek, University of Toronto
Marsha Barnes, Primary Health Care Team (MOHLTC)
Peter Biasucci, Hospitals Branch (MOHLTC)
Paula Blackstien-Hirsch, University of Toronto
Alison Blair, Health Results Team (MOHLTC)
Adalsteinn Brown, Health Results Team (MOHLTC)
Angela Coke, Internal Transformation Project (MOHLTC)
Marnie Cooper, Laboratories Branch (MOHLTC)
Catia Creatura-Amelio, Corporate Policy Branch (MOHLTC)
Sheree Davis, Ministry Strategic Directions (MOHLTC)
Lee Fairclough, University Health Network
Peter Finkle, Hospitals Branch (MOHLTC)
Susan Fitzpatrick, Physician Services (MOHLTC)
Brent Fraser, Drug Programs Branch (MOHLTC)
Barbara Hall, Health Results Team (MOHLTC)
Cathy Hamilton, Business Solutions Division – Regional Operations Support, I&IT (MOHLTC)
Erin Hughes, Health Results Team (MOHLTC)
Phil Jackson, Strategic Planning and Implementation Branch (MOHLTC)
Pat Jeselon, Human services I&IT Cluster (MOHLTC)
Sarah Kramer, Cancer Care Ontario
Louise Lutgens, Health Results Team (MOHLTC)
Marnie MacKinnon, Women's Health Council Secretariat (MOHLTC)
Diane McArthur, Knowledge Management & Reporting Branch (MOHLTC)
Elizabeth McKee, Registration and Claims Branch (MOHLTC)
John McKinley, Business Services (MOHLTC)
James Meloche, Health Results Team (MOHLTC)
David Mercer, Finance & Information Management Branch (MOHLTC)
Gary Mitchell, Hospitals Branch (MOHLTC)
Matthew Norton, Health Results Team (MOHLTC)
Joshua Paul, Ministry of Finance
Susan Paetkau, Drug Programs Branch (MOHLTC)
Saurabh Popat, Minister's Office (MOHLTC)
Doug Ramsey, Knowledge Management and Reporting Branch (MOHLTC)
Paul Savic, Health Results Team (MOHLTC)
Greg Stevens, Primary Health Care Team (MOHLTC)
Céline St-Louis, Health Results Team (MOHLTC)
Anne-Marie Strapp, Strategic Health Policy Branch (MOHLTC)
Doug Tessier, Human Services I&IT Cluster (MOHLTC)
Serge Théberge, Health Results Team (MOHLTC)
David Thornley, Community Health Branch (MOHLTC)
Hanita Tiefenbach, Corporate Policy Branch (MOHLTC)
Vida Vaitonis, Home Care and Community Support Branch (MOHLTC)
Jeremy Veillard, Health Results Team (MOHLTC)
Catherine Wang, Cabinet Office
Helen Whittome, Health Results Team (MOHLTC)
Graham Woodward, Knowledge Management & Reporting Branch (MOHLTC)
Julian Young, Physician Services (MOHLTC)

Ministry of Health and Long-Term Care

Patricia Anderson, Laboratories Branch
Anne Bowlby, Mental Health & Addictions Branch
Michael Byrnes, Finance and Information Management Branch
Sandra Chase, Finance and Information Management Branch

David Clarke, Long-Term Care Planning & Renewal Branch
David Couch, Finance and Information Management Branch
Brian Davidson, Mental Health & Addictions Branch
Javier Dixon, Finance and Information Management Branch
Dawn Fernando, Operational Support Branch
Kim Forster, Knowledge Management & Reporting Branch
Marion Fotherby, Registration & Claims Branch
Roger Girard, Public Health I&IT Project
Mark Grudzien, Registration & Claims Branch
Sue Guinard, Long-Term Care Homes Branch
Christina Hoy, Finance and Information Management Branch
Lawrence Huot, Registration and Claims Branch
Sophia Ikura-MacMillan, Nursing Secretariat
Munir Jeraj, Public Health Branch
Wendy Katherine, Community Health Division – Ontario Midwifery Program
Sara Knox, Community Health Division – Ontario Midwifery Program
Brian Laundry, Corporate Liaison and Resource Service
Dara Laxer, Finance and Information Management Branch
Jason Lian, Finance and Information Management Branch
Vicky Longo, Finance and Information Management Branch
Rod Millard, Long-Term Care Planning & Renewal Branch
Bill Moffatt, Emergency Health Services Branch
Marie Muir, Public Health Division – IPHIS Project
Bill Ng, Finance and Information Management Branch
Andrew Oakes, Mental Health & Addictions Branch
Bruce Pack, Regional Operations Support I&IT
Susan Pinney, Registration & Claims Branch
Dr. Elizabeth Rael, Chronic Disease Prevention and health Promotion
Bill Reid, Knowledge Management & Reporting Branch
Marty Sargent, Human Services I&IT
Vivienne Skoberne, Long-Term Care Planning & Renewal Branch
Glenna Smith, Mental Health & Addictions Branch
Max Smith, Human Services I & IT
Dosta Sopkic, Finance and Information Management Branch
Catalina Trevizan, Human Services I&IT Project
Neil Vanderkooy, Long-Term Care Planning & Renewal Branch
Michele Weidinger, Public Health Branch
Juanita M. Wilson, Physician Services
Angie Wong, Drug Programs Branch
Chee Wong, Chronic Disease Prevention and Health Promotion Branch
KK Wong, Business Solutions Division

External Health Care Organizations

Margaret Adams, Sick Kids
Michele Arthur, Canadian Institute for Health Information
Saleem Alwani, Canadian Institute for Health Information
Sten Ardal, Health System Intelligence Project
Darren Arndt, Cancer Care Ontario
Kim Badovinac, Canadian Institute for Health Information
Jim Bottomley, Perinatal Partnership Program of Eastern & South-Eastern Ontario
Barbara Chapman, Child Health Network for the Greater Toronto Area
Bert Chesworth, London Health Sciences Centre
Larry Corea, Centre for Addiction and Mental Health
Michel Cormier, Statistics Canada
Nicole De Guia, Canadian Institute for Health Information
Gabrielle deVeber, Sick Kids
Bruna DiMonte, Pediatric Oncology Group of Ontario
Scott Dudgeon, Toronto District Health Council
Gilles Fortin, Canadian Institute for Health Information
Bryan Goldig, College of Physicians and Surgeons
Corin Greenberg, Pediatric Oncology Group of Ontario
Don Hickerson, Ontario Physician Human Resources Data Centre
Paul Huras, Thames Valley District Health Council
Chris Janusz, Ministry of Transportation
Neil Johnston, Ontario Physician Human Resources Data Centre
David Kinga, Canadian Institute for Health Information
Nizar Ladak, Canadian Institute for Health Information
Monique LeBrun, Canadian Institute for Health Information
Mimi Lowi-Young, Canadian National Institute for the Blind
Christopher McLean, Canadian National Institute for the Blind

Madeline Riehl, Pediatric Oncology Group of Ontario
Joyce Seto, Cardiac Care Network of Ontario
Lea-Ann Strileski, Ministry of Transportation
Andrew Szende, Electronic Child Health network
Leo Tasca, Ministry of Transportation

Susan Warner, London Health Sciences Centre
Jim Whaley, Grey Bruce Huron Perth District Health Council
Glynis Williams, Community Care Access Centre of Wellington-Dufferin
Bob Yoneda, Ontario Cancer Research Network
Greg Zinck, Canadian Institute for Health Information

Introduction

Information Management and Changing Health Care

The Ontario government is making major changes to the province's health care system to deliver quality care to patients when it is needed, and to help people stay healthy. In order to achieve these goals, it is working to re-establish a system in Ontario, over the next few years, that is more integrated, accountable and sustainable.

Information management is integral to a more accountable and sustainable system of care. The government is committed to implementing a framework to support planning, performance measurement and evidence-based decisions in a transformed health system. A system that provides objective, timely and accurate information is the basis for sound decisions that are in the best interest of patients. With better information and through enhanced information management, Ontario will accurately track how the system is performing, so that people can assess its quality and progress. Evidence will then drive decisions for further improvements to health care.

A key area of focus for information management involves the development of tools to support both system-wide and local-level health care planning and decision-making within the context of system transformation.

About the Data Guide

There are at least 80 information holdings currently in use in Ontario. These holdings contain structured health data that can be queried. Although they are typically used for planning, decision-making and performance measurement activities, there is currently no technical guide available that identifies the various holdings and describes their use. This can make accessing holdings a challenge.

The *Ontario Health Planning Data Guide* is designed as a roadmap to these many authoritative sources of health care information available in the province. It is intended primarily for use by local and system-wide health care planners and analysts involved in research, policy development, and information management.

This guide includes profiles on 86 databases or information holdings, both internal and external to the Ministry of Health and Long-Term Care. An environmental scan led to the compilation of this set of holdings and they were validated by the organizations that own these holdings. Surveys are not included in this guide; however, an initiative to compile major health surveys is currently being undertaken.

It is anticipated that the *Ontario Health Planning Data Guide* will need to be updated on a regular basis, as information holdings are modified or expanded to adapt to a changed health care environment. The book will be available initially as a downloadable document. Eventually, it will be available in a web-based format.

Content and Organization

The information in this publication is arranged according to the organization which owns the holding. Each entry includes:

- A general description of the holding and its data tables
- Instructions on how to access the data (including privacy constraints, licensing considerations and system requirements)
- Contact information

The guide includes a user-friendly cross-referencing chart organized by key health care topic and an index which allows the reader to locate individual information holdings by title (alphabetical), by data category, and by health topic. The Appendices also include a glossary of terms.

Comments

Write to the Health Results Team for Information Management at HRTIM@moh.gov.on.ca with your comments or if you have additional information to contribute to the guide.

What's New

Additions

Release 2.0 includes new profiles on the following information holdings:

- Claims History Database (Registration and Claims Branch – MOHLTC)
- Health Information Library (Knowledge Management and Reporting Branch – MOHLTC)
- Nursing Database (College of Nurses of Ontario)
- Ontario Mental Health Reporting System (Finance and Information Management Branch – MOHLTC)
- Physician Hospital Appointment Listing (Ontario Physician Human Resources Data Centre)

Updates

Release 2.0 includes updates from the following organizations for the specified profiles.

Canadian Institute for Health Information

- Canadian Joint Replacement Registry
- Canadian Management Information System Database
- Canadian Organ Replacement Register
- Continuing Care Reporting System
- Hospital Morbidity Database
- National Rehabilitation Reporting System
- National Prescription Drug Utilization Information System (NPDUIS)
- OECD Health Database (Canadian Segment)
- Therapeutic Abortions Database

Health Services Division (MOHLTC)

- Corporate Provider Database
- Laboratory (LABRYNTH) System
- Ontario Drug Benefit Program – Health Network System

Knowledge Management and Reporting Branch (MOHLTC)

- Provincial Health Planning Database

Perinatal Partnership Program of Eastern & South-Eastern Ontario

- Niday Perinatal Database

Public Health Division (MOHLTC)

- Health Planning System

How to Read this Data Guide

The following structure illustrates the layout of each profile and provides the definition for each field.

Information Holding – *This name is the actual name given by the owner organization*						
Data Categories *(See Glossary of Terms for definitions)*		☐ Clinical ☐ Demographics ☐ Financial ☐ Health HR ☐ Reference ☐ Surveys ☐ Other: _____				
Health Topics *(See Glossary of Terms for definitions)*	**Services**	☐ Acute Care ☐ Community Care ☐ Complex Continuing Care ☐ Emergency Care ☐ Long-Term Care ☐ Mental Health/Addictions ☐ Palliative Care ☐ Primary Care ☐ Rehabilitation ☐ Other: _____				
	Wait Time Related	☐ Cancer Services ☐ Cardiac Services ☐ Cataract Surgery ☐ Hip/Knee Joint Replacement ☐ MRI/CT Scan ☐ Other: _____				
	Age Groups	☐ Children (0-11) ☐ Youth (12-17) ☐ Adult (18-64) ☐ Seniors (65+)				
	Other Topics	☐ Diabetes ☐ Morbidity ☐ Mortality ☐ Osteoporosis ☐ Paediatrics ☐ Patient Safety ☐ Prescription Drugs ☐ Trauma/Injuries ☐ Women's Health ☐ Other: _____				
Web URL	**Information:**	*Internet address for information on this holding*		**Login:**	*Internet address to access the holding*	

Overview

Description	*Summary description of the information holding*		
Info Holding Owner	*Name of the organization that owns this information holding*		
MOHLTC Owns:	*Specify if MOHLTC holds copy of this info holding. If so, is it restricted?* ☐ Unrestricted Copy ☐ Restricted Copy ☐ Does not own a copy ☐ Not Applicable	**Copy Owner:**	*Which MOHLTC Branch has the info holding copy?*
Target Audience	*The primary users of this information holding*		
Data Sources	*Specify if this holding contains data from a single source (primary) or is a collection of data/datasets from multiple holdings (secondary)* ☐ Primary ☐ Secondary	**Sources:**	*List names of the data sources*
Population Groups Coverage	*Provide the extent to which the data has been captured for each of the population groups targeted by this information holding. (e.g. OJRR captures approximately xx% of all joint replacements)*		
Data Granularity	*What is the level of detail of the data?* ☐ Personal ☐ Anonymous ☐ Pseudonymous ☐ Aggregated	**Aggregation Levels:**	*If aggregated, describe the level(s) of aggregation*

DATA TABLES

Table Name	Table Description	Primary Identifiers	Data Collection Location	Resident and/or Provider	Geographic Codes (Postal, LHIN...)	Data Availability	
Data Table Name *Note: These are the key data tables only, not field-value lookup tables (or other similar secondary tables)*	*Short description of the purpose, contents and use of the data in this table.*	*Unique fields that identify records in this table*	*Location(s) of data collection* *-Primary Care settings* *-Hospital* *-Long-term care facility* *-Home care* *-community)*	*Specifies whether the data is attached to the geography of the resident, provider, or both*	*Level to which data can be obtained* *-Postal Code* *-LHIN Code* *-Municipality* *-Region* *-Facility* *-Census* *-etc*	Earliest Data: Latest Data: Update Freq.: Mandatory?	*Month/year of earliest available data* *Month/year of latest available data* *How often is data updated?* *Is data collection mandatory Yes / No?*
Etc. (list tables alphabetically)						Earliest Data: _____ Latest Data: _____ Update Freq.: _____ Mandatory? _____	

USAGE CONSTRAINTS

Privacy Constraints	*What are the privacy constraints (e.g. legislation) for this holding if any?*
Restricted Copy Rules	*What are the restraints/agreements on the use of the MOHLTC copy of the information holding?*
Derived Works Limitations	*What are the limitations to the distribution of analysis results based on the data in this information holding?*

DATA ACCESS

Network Accessibility	*Can the data be accessed over a network?* ☐ None ☐ Internet ☐ Intranet ☐ VPN ☐ SSHA Network ☐ Others: _____
DSS Tools	*What Decision Support System (DSS) tool(s) are used to access and/or analyze this data?*

SYSTEM REQUIREMENTS

Licensing	*Licensing requirements to access the data? (i.e. Is a user or site license required? How do you become licensed?)*
Software Requirements	*What software is required to access the database?*
User Platform	*What platform is required to access the database using your PC?* ☐ Web browser ☐ Windows 2000/XP ☐ Mac OS 9 / X ☐ Unix ☐ Linux
Network Requirements	*What network connections are required to access the database?*

CONTACTS

Support/Questions	Support Organization	Title	Name	Phone #	E-Mail
Supporting role/title	*Name of the supporting organization*	*Title of person in supporting role*	*Name of person in supporting role*	*Phone # of person in supporting role*	*Email address of person in supporting role*

ADDITIONAL NOTES

Provide any additional information that that could be useful to local planners regarding this holding, (e.g. known and potential data quality issues or limitations, original intent of information holding and how it evolved, general advice to planners on the use of this information holding.

Information Holding/Data Category/Health Topic Cross Reference (See glossary for definitions)		Data Category							Health Topics																														
									Services												Wait Time Related						Demographics				Other Topics										
Information Holding Name	Page	Clinical	Demographics	Financial	Health HR	Reference	Surveys	Other	Acute Care	Community Care	Complex Continuing Care	Emergency Care	Long Term Care	Mental Health/Addictions	Palliative Care	Primary Care	Rehabilitation	Other	Cancer Services	Cardiac Services	Cataract Surgery	Hip/Knee Joint Replacement	MRI/CT Scan	Other	Children	Youth	Adult	Seniors	Diabetes	Morbidity	Mortality	Osteoporosis	Paediatrics	Patient Safety	Prescription Drugs	Trauma/Injuries	Women's Health	Other
A																																						
Accident Database System	182																								•	•	•	•			•				•			
Active Physician Registry	196				•																																	
Activity Level Reporting Database	22	•	•						•									•	•																			
Ambulance Response Information System	14	•	•									•						•							•	•	•	•										
B																																						
C																																						
Canadian Cancer Registry	284	•	•															•							•	•	•	•										
Canadian Joint Replacement Registry	224	•	•						•													•			•	•	•	•				•						
Canadian Management Information System	227			•				•	•		•	•		•			•																					
Canadian Organ Replacement Register	230	•	•						•																•	•	•	•										•
Canadian Pediatric Ischemic Stroke Registry	166	•	•						•																•	•							•					
Cardiac Waiting List Registry	44	•	•						•			•								•							•		•	•	•							
Cervical Screening Program (Cytobase)	25	•	•						•									•																			•	
CHC MIS Program Evaluation System	58	•	•	•	•			•		•						•		•							•	•	•	•	•			•				•	•
Children In Need of Treatment	178		•	•	•			•										•						•	•	•											
Claims History Database	146	•		•														•							•	•	•	•	•	•	•	•	•	•		•	•	
Clinical Trial Management System	186			•				•										•																				
CPRO (Client Profile Database)	61		•					•					•					•									•	•										
Common Data Set – Mental Health	96	•	•					•																	•	•	•	•										
Community Care Access Centres Budget DB	99			•				•		•															•	•	•	•										
Community Mental Health Programs Budgets and Inventory	101			•				•						•																								
Community Services System	103			•						•			•												•	•	•	•										
Community Treatment Orders Information Records	107	•	•											•																								
Continuing Care Reporting System	233	•	•					•			•		•		•										•	•	•	•					•					
Corporate Provider Database	149		•		•	•																																
D																																						
Daily Census Summary	109							•	•		•						•																					
Discharge Abstract Database	236	•	•						•																•	•	•	•	•	•	•	•	•	•		•	•	•
Drug and Alcohol Registry of Treatment	63		•					•						•										•		•	•	•										
Drug and Alcohol treatment Information System	66	•	•											•													•	•	•										
E																																						
F																																						
Facility Monitoring Information System	112				•								•															•	•										
G																																						
H																																						
Health Care Programs Provider Database	12					•			•	•	•		•	•	•	•	•	•							•	•	•	•										
Health Information Library	170	•	•						•									•							•	•	•	•	•	•	•	•	•	•		•	•	
Health Information Network (HiNet)	92	•							•									•							•	•						•						
Health Planning System	214	•	•															•							•	•	•	•		•	•				•			•
Health Personnel Database	239		•		•																																	
Homes for Special Care	69							•		•				•														•	•										

Information Holding/Data Category/Health Topic Cross Reference (See glossary for definitions)		Data Category							Health Topics																													
									Services										Wait Time Related						Demographics				Other Topics									
Information Holding Name	Page	Clinical	Demographics	Financial	Health HR	Reference	Surveys	Other	Acute Care	Community Care	Complex Continuing Care	Emergency Care	Long Term Care	Mental Health/Addictions	Palliative Care	Primary Care	Rehabilitation	Other	Cancer Services	Cardiac Services	Cataract Surgery	Hip/Knee Joint Replacement	MRI/CT Scan	Other	Children	Youth	Adult	Seniors	Diabetes	Morbidity	Mortality	Osteoporosis	Paediatrics	Patient Safety	Prescription Drugs	Trauma/Injuries	Women's Health	Other
Hospital Mental Health Database	242	•	•											•											•	•	•	•										
Hospital Morbidity Database	245	•	•						•																•	•	•	•		•								
I																																						
Immunization Records Information System	217		•		•													•							•	•												•
Interim Assessment	71		•							•			•														•	•										
J																																						
K																																						
L																																						
Laboratory Inspection and Licensing Information DB	153		•		•			•																														
Laboratory (LABRYNTH) System	156	•	•						•	•	•	•	•	•	•	•	•								•	•	•	•		•	•		•	•			•	
Levels of Care Classification System	73	•	•										•														•	•										
Licensed Practical Nurses Database	248		•		•																																	
LTCPRB Management Information System	75							•					•															•										
M																																						
Master Numbering System	116							•	•	•	•	•	•	•			•																					
Medical Trainee Database	119				•		•																															
Midwifery Management Information System	78	•	•	•	•					•						•		•									•						•				•	
MOHLTC Facility System	122			•				•					•														•	•										
N																																						
National Ambulatory Care Reporting System	250	•	•	•								•						•						•	•	•	•	•	•	•	•	•	•	•		•	•	•
National Health Expenditure Database	253			•																																		
National Physician Database	256		•		•																																	
National Prescription Drug Utilization Information System	258							•																											•			
National Rehabilitation Reporting System	261	•	•														•							•			•	•										
National Trauma Registry	264	•	•						•																•	•	•	•								•		
New Drug Funding Program Database	28	•		•					•										•																			
Niday Perinatal Database	210	•	•						•									•							•		•						•				•	•
Nursing Database	50		•		•																																	
O																																						
OCCM (Occupancy Monitoring Database)	80							•					•					•									•	•										
Ontario Drug Benefit Program – Health Network System DB	159	•	•	•						•			•					•							•	•	•	•							•			
OECD Health Database (Canadian Segment)	267	•	•	•	•																																	
Oncology Wait Times Database	31	•	•						•										•																			
Ontario Breast Screening Program Database	34	•	•															•	•																		•	
Ontario Cancer Registry	37	•	•						•										•												•							
Ontario Case Costing Initiative	127	•	•	•					•		•	•		•	•		•								•	•	•	•	•	•	•	•	•			•	•	•
Ontario Healthcare Financial and Statistical System	130			•	•		•		•	•	•	•	•	•			•																					
Ontario Home Care Administration System	83	•	•							•															•	•	•	•										
Ontario Joint Replacement Registry	190	•	•						•													•					•	•		•								
Ontario Mental Health Reporting System	134	•	•										•														•											
Ontario Postgraduate Medical Trainee Registry	198				•																																	
Ontario Problem Gambling Helpline	86		•					•						•										•		•	•	•										
Ontario Resident Coding System	137					•		•																														

Information Holding/Data Category/Health Topic Cross Reference (See glossary for definitions)		Data Category							Health Topics																													
									Services										Wait Time Related						Demographics				Other Topics									
Information Holding Name	Page	Clinical	Demographics	Financial	Health HR	Reference	Surveys	Other	Acute Care	Community Care	Complex Continuing Care	Emergency Care	Long Term Care	Mental Health/Addictions	Palliative Care	Primary Care	Rehabilitation	Other	Cancer Services	Cardiac Services	Cataract Surgery	Hip/Knee Joint Replacement	MRI/CT Scan	Other	Children	Youth	Adult	Seniors	Diabetes	Morbidity	Mortality	Osteoporosis	Paediatrics	Patient Safety	Prescription Drugs	Trauma/Injuries	Women's Health	Other
Ontario Trauma Registry	270	●	●						●																●	●	●	●								●		
P																																						
Pathology Information Management System	40	●																	●																			
Pediatric Oncology Group of Ontario Networked Info Sys	204	●	●			●			●				●		●				●						●	●				●	●		●		●			●
Physician Hospital and Appointment Listing	200				●																																	
Physicians and Surgeons Database	54				●																																	
PPH Discharge Abstract Database	139	●	●											●											●	●	●	●										
Provincial Health Planning Database	173	●	●			●		●	●		●	●		●			●								●	●	●	●	●	●	●	●	●	●		●	●	●
Q																																						
R																																						
Regional Office Allocations Database	141			●						●			●	●																								
Registered Nurses Database	273		●		●																																	
Registered Persons Database	162		●			●																			●	●	●	●										
Reportable Disease Information System	220		●		●																				●	●	●	●		●	●							●
S																																						
Service Tracking System	18	●	●														●	●							●	●	●	●										●
Southam Medical Database	276		●		●																																	
Supportive Housing System	143			●										●																								
T																																						
Therapeutic Abortions Database	279	●	●						●																												●	
TDM (Trend Data Management)	89		●					●					●					●									●	●										
U																																						
V																																						
W																																						
X																																						
Y																																						
Z																																						

Information Holdings: Provincial

Acute Services Division (MOHLTC)

1

Health Care Programs Provider Database (HCPDB)

Data Categories		☐ Clinical ☐ Demographics ☐ Financial ☐ Health HR ☒ Reference ☐ Surveys ☐ Other: _____				
Health Topics	**Services**	☒ Acute Care ☒ Community Care ☒ Complex Continuing Care ☐ Emergency Care ☒ Long-Term Care ☒ Mental Health/Addictions ☒ Palliative Care ☒ Primary Care ☒ Rehabilitation ☒ Other: _____				
	Wait Time Related	☐ Cancer Services ☐ Cardiac Services ☐ Cataract Surgery ☐ Hip/Knee Joint Replacement ☐ MRI/CT Scan ☐ Other: _____				
	Age Groups	☒ Children (0-11) ☒ Youth (12-17) ☒ Adult (18-64) ☒ Seniors (65+)				
	Other Topics	☐ Diabetes ☐ Morbidity ☐ Mortality ☐ Osteoporosis ☐ Paediatrics ☐ Patient Safety ☐ Prescription Drugs ☐ Trauma/Injuries ☐ Women's Health ☐ Other: _____				
Web URL	**Information:**			**Login:**	Divisional network & application access protocols	

Overview

Description	The Health Care Programs Provider (HCPDB) database provides the Acute Services and Community Health Divisions with baseline reference information related to the service providers with which MOHLTC Divisions have formal business relationships. These service providers encompass those: funded by the Ministry, directly operated by the Ministry or indirectly funded and/or licensed by the Ministry. The agencies include: Hospitals, LTC Facilities, Community Service Agencies, Mental Health and CCAC's. Basic "tombstone" information is captured for the agency, its services as well as location and administrative characteristics.				
Info Holding Owner	Acute Services Division, Ministry Regional Offices (MOHLTC)				
MOHLTC Owns:	☐ Unrestricted Copy ☒ Restricted Copy ☐ Does not own a copy ☐ Not Applicable			**Copy Owner:**	Business Services, AS & CH Divisions
Target Audience	Acute Services, Regional Offices, Community Health, administrative and program staff				
Data Sources	☒ Primary ☐ Secondary	**Sources:**	MOHLTC Regional Offices, legal & budget agreements		
Population Groups					
Data Granularity	☐ Personal ☐ Anonymous ☐ Pseudonymous ☐ Aggregated	**Aggregation Levels:**			

DATA TABLES

Table Name	Table Description	Primary Identifiers	Data Collection Location	Resident and/or Provider	Geographic Codes (Postal, LHIN...)	Data Availability
Various	Agency information, site information, geographic, services, languages, contacts, organizational status	IFIS #, site # legal name	All Divisional service providers through MOHLTC Regional Offices	Provider		Earliest Data: _____ Latest Data: _____ Update Freq.: _____ Mandatory? _____

USAGE CONSTRAINTS

Privacy Constraints	
Restricted Copy Rules	
Derived Works Limitations	

DATA ACCESS

Network Accessibility	☐ None ☐ Internet ☐ Intranet ☐ VPN ☐ SSHA Network ☒ Others: MOHLTC LAN
DSS Tools	Geographic Information Systems

SYSTEM REQUIREMENTS

Licensing	
Software Requirements	Microsoft Access
User Platform	☒ Web browser ☒ Windows 2000/XP ☐ Mac OS 9 / X ☐ Unix ☐ Linux
Network Requirements	

CONTACTS

Support/Questions	Support Organization	Title	Name	Phone #	E-Mail
	Regional Operations Support I & IT	Application Trainer	Joanne Black	(705) 739-9782	Joanne.Black@moh.gov.on.ca

ADDITIONAL NOTES

Ambulance Response Information System (ARIS, ARIS II)

Data Categories		☒ Clinical	☒ Demographics	☐ Financial	☐ Health HR	☐ Reference	☐ Surveys
		☐ Other: _____					
Health Topics	**Services**	☐ Acute Care	☐ Community Care	☐ Complex Continuing Care			
		☒ Emergency Care	☐ Long-Term Care	☐ Mental Health/Addictions			
		☐ Palliative Care	☐ Primary Care	☐ Rehabilitation	☐ Other: _____		
	Wait Time Related	☐ Cancer Services		☐ Cardiac Services	☐ Cataract Surgery		
		☐ Hip/Knee Joint Replacement		☐ MRI/CT Scan	☐ Other: _____		
	Age Groups	☒ Children (0-11)	☒ Youth (12-17)	☒Adult (18-64)	☒Seniors (65+)		
	Other Topics	☐ Diabetes	☐ Morbidity	☐ Mortality	☐ Osteoporosis		
		☐ Paediatrics	☐ Patient Safety	☐ Prescription Drugs	☐ Trauma/Injuries		
		☐ Women's Health	☐ Other: _____				
Web URL	**Information:**			**Login:**			

Overview

Description

The Ambulance Reporting Information System (ARIS) supports the dispatch of ambulances throughout the province. Ambulance service in Ontario is a seamless program that responds to requests for service and transports patients cross municipal boundaries without reference to residence or other demographic factors. Central Ambulance Communications Centres (CACCs) facilitate this seamless approach by coordinating, directing and deploying the movement of all ambulances and emergency response vehicles within large geographic areas. Computer-assisted wide area central dispatching helps the dispatcher in assigning the closest available and most appropriate ambulance to each emergency.

Emerging technologies such as Automatic Vehicle Location (AVL) and Global Positioning Systems (GPS) also assists CACC communications staff by identifying the location of the closest vehicle for response and helping the dispatcher direct the ambulance to the call scene. A close working relationship between dispatch and ambulance services is required to move seriously ill and injured persons from one health care facility to another for treatment. The CACC computer aided dispatch system assists the dispatcher in managing this growing demand for medically essential ambulance transports between health care facilities while maintaining the necessary ambulance resources to respond to emergency calls.

Interactive computer technology enables a dispatcher in the CACC to link together physicians, paramedics, other providers of emergency health services and public safety agencies. The computer aided dispatch system also allows the dispatcher to track the status of emergency departments and the availability of health care specialists and beds at most of the advanced care hospitals and health care facilities in the province. The system also allows for the linking of land and air ambulance service to ensure a smooth integration of these two vital programs.

Info Holding Owner	Emergency Medical Service providers and Emergency Health Services Branch (MOHLTC)				
MOHLTC Owns:	☐ Unrestricted Copy	☐ Restricted Copy	☐ Does not own a copy	☒ Not Applicable	**Copy Owner:**
Target Audience	Internal and External Users – MOHLTC exclusively				
Data Sources	☒ Primary	☐ Secondary	**Sources:**	Central Ambulance Communication Centres	
Population Groups	All				
Data Granularity	☒ Personal	☐ Anonymous	☐ Pseudonymous	☐ Aggregated	**Aggregation Levels:**

DATA TABLES

Table Name	Table Description	Primary Identifiers	Data Collection Location	Resident and/or Provider	Geographic Codes (Postal, LHIN...)	Data Availability
Record of Call Information	Time, Date, Location, Patient name. Call taking for emergency calls, call taking and scheduling for scheduled patient transfers, vehicle routing – map display and directions for quick response, configurable response plans – recommends closest appropriate unit, EMS triage systems, operational reporting, event logging and checklists, management reporting and data extraction, Integrated Mapping System – high-resolution on-screen map of service areas, E911 integration, time synchronization, interface to CritiCall Ontario through VisiCAD Divert Module	Call Number	CACCs Central Ambulance Communication Centres	Provider	Regions	Earliest Data: 1992 Latest Data: 2005 Update Freq.: Daily Mandatory? Yes

USAGE CONSTRAINTS

Privacy Constraints	F.O.I. P.P.A. (Freedom of Information and Protection of Privacy Act), P.H.I.P.P.A (Personal Health Information Protection of Privacy Act)
Restricted Copy Rules	Internal Use only
Derived Works Limitations	

DATA ACCESS

Network Accessibility	☒ None ☐ Internet ☐ Intranet ☐ VPN ☐ SSHA Network ☒ Others: Closed
DSS Tools	

SYSTEM REQUIREMENTS

Licensing	None
Software Requirements	Proprietary
User Platform	☐ Web browser ☐ Windows 2000/XP ☐ Mac OS 9 / X ☐ Unix ☐ Linux Mainframe
Network Requirements	Closed WAN

CONTACTS

Support/Questions	Support Organization	Title	Name	Phone #	E-Mail
Ministry of Health and Long-Term Care	EHS	Manager, ITSS	David Nemirovsky	(416) 327-7848	David.Nemirovsky@moh.gov.on.ca

ADDITIONAL NOTES

The ARIS system is currently in the process of migrating to ARIS II. Essentially, the same information data base will be collected, albeit within a more comprehensive environment. Information will remain internal and will have restricted use only.

Information Holdings: Provincial

Canadian National Institute for the Blind

2

Service Tracking System

Data Categories		☒ Clinical	☒ Demographics	☐ Financial	☐ Health HR	☐ Reference	☐ Surveys
		☐ Other: _____					
Health Topics	**Services**	☐ Acute Care	☐ Community Care	☐ Complex Continuing Care			
		☐ Emergency Care	☐ Long-Term Care	☐ Mental Health/Addictions			
		☐ Palliative Care	☐ Primary Care	☒ Rehabilitation	☒ Other: Library/Intervention/Volunteer/Literacy Services		
	Wait Time Related	☐ Cancer Services		☐ Cardiac Services	☐ Cataract Surgery		
		☐ Hip/Knee Joint Replacement		☐ MRI/CT Scan	☐ Other: _____		
	Age Groups	☒ Children (0-11)	☒ Youth (12-17)	☒ Adult (18-64)	☒ Seniors (65+)		
	Other Topics	☐ Diabetes	☐ Morbidity	☐ Mortality	☐ Osteoporosis		
		☐ Paediatrics	☐ Patient Safety	☐ Prescription Drugs	☐ Trauma/Injuries		
		☐ Women's Health	☒ Other: Eye & Vision Health				
Web URL	**Information:**			**Login:**			

Overview

Description

The Service Tracking System provides Canadian National Institute for the Blind (CNIB) management and administration with information about service delivery and case management, including clinical information on client eye health and demographic information, on behalf CNIB clients.

The Service Tracking System records specific case management and aggregate unit of service information about the following CNIB services:

- Career Counselling & Employment
- Counselling & Referral
- Library Services
- Orientation and Mobility
- Rehabilitation Teaching
- Vision Rehabilitation
- Technical Aids
- Occupational Therapy
- Deafblind Intervention
- Recreation
- Volunteer Services
- Literacy Instruction
- Early Intervention Services

Upon referral, CNIB collects information on client eye health (such as incidence of eye disease and visual acuity), in addition to geographic- and age-related data. This information can be consolidated to capture population health data related to incidence of visual impairment and utility of services among target groups.

Reporting is performed quarterly. However, maintenance of information is kept current and up-to-date information can be extracted as required.

Info Holding Owner

Canadian National Institute for the Blind

MOHLTC Owns:	☐ Unrestricted Copy ☐ Restricted Copy ☒ Does not own a copy ☐ Not Applicable			**Copy Owner:**	
Target Audience	CNIB National and Divisional offices				
Data Sources	☒ Primary ☐ Secondary	**Sources:**	CNIB Regional Offices (as recorded by case managers and rehabilitation workers) CNIB Library for the Blind Information is recorded		
Population Groups					
Data Granularity	☒ Personal ☐ Anonymous ☐ Pseudonymous ☐ Aggregated			**Aggregation Levels:**	

DATA TABLES

Table Name	Table Description	Primary Identifiers	Data Collection Location	Resident and/or Provider	Geographic Codes (Postal, LHIN...)	Data Availability	
Client	Contains all clients who have been referred to CNIB for service. Includes information about the client's name, date of birth, address, visual acuity and eye health information (as completed by a ophthalmologist, optometrist or medical practitioner), and source of referral.	CNIB Client Number	All CNIB regional and/or divisional offices.	Resident and Provider	Postal Code	Earliest Data: Latest Data: Update Freq.: Mandatory?	Jan 1992 Jan. 2005 As required Yes
Service	Various aggregate utilization data for all CNIB services (see description above).	Service Code	Same as above	Same as above	Same as above	Earliest Data: Latest Data: Update Freq.: Mandatory?	Jan 1992 Jan. 2005 Upon delivery of service unit Yes

USAGE CONSTRAINTS

Privacy Constraints	CNIB fully complies with all applicable Federal and Provincial privacy legislation in respect to the collection of individual client health and service information.
Restricted Copy Rules	
Derived Works Limitations	

DATA ACCESS

Network Accessibility	☐ None ☐ Internet ☒ Intranet ☒ VPN ☐ SSHA Network ☐ Others _____
DSS Tools	

SYSTEM REQUIREMENTS

Licensing	Only CNIB staff with a Service Provider Number can access the data. Applications for Service Provider Numbers are approved by divisional registrars.
Software Requirements	iMIS / Windows 2000
User Platform	☒ Web browser ☒ Windows 2000/XP ☐ Mac OS 9 / X ☐ Unix ☐ Linux
Network Requirements	

CONTACTS

Support/Questions	Support Organization	Title	Name	Phone #	E-Mail
	CNIB	Director Rehabilitation	Beverley Ginou	(416) 486-2500	Beverley.Ginou@cnib.ca

ADDITIONAL NOTES

Information Holdings: Provincial

Cancer Care Ontario

3

Activity Level Reporting Database for Integrated Cancer Programs

Data Categories		☒ Clinical ☒ Demographics ☐ Financial ☐ Health HR ☐ Reference ☐ Surveys ☐ Other: _____					
Health Topics	**Services**	☒ Acute Care ☐ Community Care ☐ Complex Continuing Care ☐ Emergency Care ☐ Long-Term Care ☐ Mental Health/Addictions ☐ Palliative Care ☐ Primary Care ☐ Rehabilitation ☒ Other: Outpatient Hospital care					
	Wait Time Related	☒ Cancer Services ☐ Cardiac Services ☐ Cataract Surgery ☐ Hip/Knee Joint Replacement ☐ MRI/CT Scan ☐ Other: _____					
	Age Groups	☐ Children (0-11) ☐ Youth (12-17) ☐ Adult (18-64) ☐ Seniors (65+)					
	Other Topics	☐ Diabetes ☐ Morbidity ☐ Mortality ☐ Osteoporosis ☐ Paediatrics ☐ Patient Safety ☐ Prescription Drugs ☐ Trauma/Injuries ☐ Women's Health ☐ Other: _____					
Web URL	**Information:**			**Login:**			

Overview

Description

The Activity Level Reporting (ALR) database contains patient activity data from the Integrated Cancer Programs (ICPs) in Ontario. It is owned and maintained by Cancer Care Ontario (CCO). Data exists back to January 1, 1992.

Historically, the ALR database was an analytical data repository for the Oncology Patient Information System (OPIS) application, which was a CCO-built clinical system used at 8 regional cancer centres. As of April 2005, the new Cancer Care Ontario Data Book defines what data all ICPs must submit to CCO, and the ALR database will be populated from that data book submission.

ALR largely consists of outpatient oncology visit data and is similar to NACRS content with the following exceptions:

- ALR contains detailed radiation therapy activity codes (NHPIP)
- ALR contains detailed drug delivery data for systemic therapy (chemotherapy) visits
- ALR contains detailed disease information about the patient, including cancer stage and morphology
- ALR determines unique cases at each ICP over the entire history of the dataset, where a case is an instance of a patient with a particular disease, usually a primary cancer.

There is no surgical oncology data in ALR, except for surgical clinic visits that occur in the cancer centres.

Info Holding Owner	Cancer Care Ontario			
MOHLTC Owns:	☐ Unrestricted Copy ☐ Restricted Copy ☒ Does not own a copy ☐ Not Applicable	**Copy Owner:**		
Target Audience	Cancer Care Ontario management, Integrated Cancer Program management, regional health planners.			
Data Sources	☒ Primary ☐ Secondary	**Sources:**	ICP clinical systems.	
Population Groups	All activity occurring at the former Regional Cancer Centres in Ontario. Princess Margaret Hospital data to be introduced during fiscal 2005/06.			
Data Granularity	☒ Personal ☐ Anonymous ☐ Pseudonymous ☐ Aggregated	**Aggregation Levels:**		

DATA TABLES

Entity Name	Entity Description	Primary Identifiers	Data Collection Location	Resident and/or Provider	Geographic Codes (Postal, LHIN...)	Data Availability
CASE	A case is a patient with an instance of a particular disease at an Integrated Cancer Program (ICP). Disease typically means a primary cancer. Includes patient birth date and sex, diagnosis information, and cancer stage.	Patient Chart (usually from OPIS), Disease Number, Centre (ICP)	Integrated Cancer Programs	Provider	Postal Code, Residence Code	Earliest Data: 1992 Latest Data: Current Update Freq.: Monthly Mandatory? Yes
CLINIC VISIT	All clinic visits at ICPs (e.g. - consults and follow-ups). Includes physician, program, and clinic location.	Chart, Disease Number, Centre, Visit Date	Integrated Cancer Programs	Provider		Earliest Data: 1992 Latest Data: Current Update Freq.: Monthly Mandatory? Yes
RADIATION THERAPY EVENT	An event where one or more radiation activities (NHPIP codes) occur for a patient. An event often equates to a therapeutic procedure as per MIS, but not always.	Chart, Disease Number, Centre, Treatment Date	Integrated Cancer Programs	Provider		Earliest Data: 1992 Latest Data: Current Update Freq.: Monthly Mandatory? Yes
RADIATION THERAPY ACTIVITY	An occurrence of a radiation activity (NHPIP code) for a patient. One or more radiation therapy activities compose a radiation therapy event.	Chart, Disease Number, Centre, Treatment Date, NHPIP Code	Integrated Cancer Programs	Provider		Earliest Data: 1992 Latest Data: Current Update Freq.: Monthly Mandatory? Yes
SYSTEMIC THERAPY EVENT	An event where one or more drugs are administered to a patient. An event often equates to a visit as per MIS, but not always. Includes regimen and patient height, weight.	Chart, Disease Number, Centre, Treatment Date	Integrated Cancer Programs	Provider		Earliest Data: 1992 Latest Data: Current Update Freq.: Monthly Mandatory? Yes
SYSTEMIC DRUG DELIVERY EVENT	A delivery of a single drug dose. One or more drug deliveries compose a systemic therapy event. Includes drug identification, dose, and route.	Chart, Disease Number, Centre, Treatment Date, Drug ID	Integrated Cancer Programs	Provider		Earliest Data: 1992 Latest Data: Current Update Freq.: Monthly Mandatory? Yes
PROCEDURE EVENT	A minor clinical procedure performed on a patient in a systemic suite at an ICP, such as skin excisions, needle biopsies, blood transfusions, venous access device service, or colposcopies. An event often equates to a procedure or visit as per MIS, but not always. Includes procedure identification (CCP code).	Chart, Disease Number, Centre, Treatment Date, CCP code	Integrated Cancer Programs	Provider		Earliest Data: 1992 Latest Data: Current Update Freq.: Monthly Mandatory? Yes
20+ OTHER TABLES	Includes other minor data tables, reference tables, and summary tables.		Integrated Cancer Programs	Provider		Earliest Data: 1992 Latest Data: Current Update Freq.: Monthly Mandatory? Yes

USAGE CONSTRAINTS

Privacy Constraints	Cancer Care Ontario's privacy policy can be found at http://www.cancercare.on.ca/default_privacy.htm
Restricted Copy Rules	
Derived Works Limitations	

DATA ACCESS

Network Accessibility	☐ None	☐ Internet	☐ Intranet	☐ VPN	☐ SSHA Network	☐ Others _____
DSS Tools						

SYSTEM REQUIREMENTS

Licensing					
Software Requirements					
User Platform	☐ Web browser	☐ Windows 2000/XP	☐ Mac OS 9 / X	☐ Unix	☐ Linux
Network Requirements					

CONTACTS

Support/Questions	Support Organization	Title	Name	Phone #	E-Mail
	Cancer Care Ontario	Senior Analyst	Darren Arndt	(416) 971-5100 x1332	Darren.Arndt@cancercare.on.ca

ADDITIONAL NOTES

Cervical Screening Program (CytoBase)

Data Categories		☒ Clinical ☒ Demographics ☐ Financial ☐ Health HR ☐ Reference ☐ Surveys ☐ Other: _____				
Health Topics	**Services**	☒ Acute Care ☐ Community Care ☐ Complex Continuing Care ☐ Emergency Care ☐ Long-Term Care ☐ Mental Health/Addictions ☐ Palliative Care ☐ Primary Care ☐ Rehabilitation ☒ Other: Cancer Screening				
	Wait Time Related	☐ Cancer Services ☐ Cardiac Services ☐ Cataract Surgery ☐ Hip/Knee Joint Replacement ☐ MRI/CT Scan ☐ Other: _____				
	Age Groups	☐ Children (0-11) ☐ Youth (12-17) ☐ Adult (18-64) ☐ Seniors (65+)				
	Other Topics	☐ Diabetes ☐ Morbidity ☐ Mortality ☐ Osteoporosis ☐ Paediatrics ☐ Patient Safety ☐ Prescription Drugs ☐ Trauma/Injuries ☒ Women's Health ☐ Other: _____				
Web URL	**Information:**		**Login:**			

Overview

Description	CCO and the MOHLTC launched the Ontario Cervical Screening Program in 2000. The program's purpose is to increase recruitment of women for regular Pap tests, facilitate appropriate follow-up, monitor the services provided and evaluate outcomes. The only functional component of the information system is the cytology registry, CytoBase, a commercial database used by the Cervical Screening Program, containing results on Pap tests performed by four community labs in Ontario. Reporting is voluntary. CytoBase is a commercial database owned by the not for profit corporation INSCYTE. CytoBase also provides support to laboratories for sending reminders to overdue clients. The registry does not contain information on patient scheduling or outcomes of definitive tests. The data has not been linked to any other data files by CCO.
Info Holding Owner	INSCYTE Corporation, contractual access granted to Cancer Care Ontario (CCO).
MOHLTC Owns:	☐ Unrestricted Copy ☐ Restricted Copy ☒ Does not own a copy ☐ Not Applicable **Copy Owner:**
Target Audience	CCO (Division of Preventive Oncology, Screening Unit Staff), Participating private laboratories
Data Sources	☒ Primary ☐ Secondary **Sources:**
Population Groups	It is estimated that over 80 percent of all Pap smears read in Ontario are in the database. The database does not include cervical cytology from hospital labs and small community labs. No pathology is submitted to the database.
Data Granularity	☐ Personal ☐ Anonymous ☐ Pseudonymous ☐ Aggregated **Aggregation Levels:**

DATA TABLES

Entity Name	Entity Description	Primary identifiers	Data Collection Location	Resident and/or Provider	Geographic Codes (Postal, LHIN...)	Data Availability
PATIENT	Contains identifying information on the screened population. Fields include first and last name, address, OHIP number, sex, birthdate, etc.	Patient ID (System-generated key)	Community Laboratories	Provider	Postal Code	Earliest Data: 1997 Latest Data: Nov/04 Update Freq.: Semi-annually Mandatory? Voluntary
REPORT HEADER	Contains identifying information for each laboratory report, including screening date, pathologist information, and whether the report is provisional, final, or amended.	Patient ID, Institution ID, Provider ID, Report ID (System-generated key)	Community Laboratories	Provider		Earliest Data: 1997 Latest Data: Nov/04 Update Freq.: Semi-annually Mandatory? Voluntary
REPORT DETAIL	Contains the content of each screening report, with one report element per record. Each element is expressed as a token name and value and can include text or coded information.	Report ID, Patient ID	Community Laboratories	Provider		Earliest Data: 1997 Latest Data: Nov/04 Update Freq.: Semi-annually Mandatory? Voluntary
PLUS 4 OTHER REFERENCE TABLES	Contain information on diagnosis codes, providers, and facilities.		Community Laboratories	Provider		Earliest Data: 1997 Latest Data: Nov/04 Update Freq.: Semi-annually Mandatory? Voluntary

USAGE CONSTRAINTS

Privacy Constraints	CCO does not own the data, therefore CCO cannot authorize external access to it. CCO can only provide aggregate summaries of this data on a periodic basis.
Restricted Copy Rules	
Derived Works Limitations	

DATA ACCESS

Network Accessibility	☐ None ☐ Internet ☐ Intranet ☐ VPN ☐ SSHA Network ☐ Others:_____
DSS Tools	

SYSTEM REQUIREMENTS

Licensing	
Software Requirements	
User Platform	☐ Web browser ☐ Windows 2000/XP ☐ Mac OS 9 / X ☐ Unix ☐ Linux
Network Requirements	

CONTACTS

Support/Questions	Support Organization	Title	Name	Phone #	E-Mail
	Cancer Care Ontario	Senior Analyst	Darren Arndt	(416) 971-5100 x1332	Darren.Arndt@cancercare.on.ca

ADDITIONAL NOTES

New Drug Funding Program Database (NDFPDB)

Data Categories		☒ Clinical ☐ Demographics ☒ Financial ☐ Health HR ☐ Reference ☐ Surveys ☐ Other: _____					
Health Topics	**Services**	☒ Acute Care ☐ Community Care ☐ Complex Continuing Care ☐ Emergency Care ☐ Long-Term Care ☐ Mental Health/Addictions ☐ Palliative Care ☐ Primary Care ☐ Rehabilitation ☐ Other: _____					
	Wait Time Related	☒ Cancer Services ☐ Cardiac Services ☐ Cataract Surgery ☐ Hip/Knee Joint Replacement ☐ MRI/CT Scan ☐ Other: _____					
	Age Groups	☐ Children (0-11) ☐ Youth (12-17) ☐ Adult (18-64) ☐ Seniors (65+)					
	Other Topics	☐ Diabetes ☐ Morbidity ☐ Mortality ☐ Osteoporosis ☐ Paediatrics ☐ Patient Safety ☐ Prescription Drugs ☐ Trauma/Injuries ☐ Women's Health ☐ Other: _____					
Web URL	**Information:**	http://www.cancercare.on.ca/access_newdrugfunding.htm			**Login:**		

Overview

Description	The New Drug Funding Program (NDFP) is a province-wide formulary administered by CCO to reimburse hospitals for new and expensive IV cancer drugs. While its purpose is primarily financial, there are clinical criteria that must be met in order to qualify for reimbursement which are included in the database. Participation in the program is voluntary, but data submission is mandatory in order for hospitals to receive reimbursement.					
Info Holding Owner	Cancer Care Ontario					
MOHLTC Owns:	☐ Unrestricted Copy	☐ Restricted Copy	☒ Does not own a copy	☐ Not Applicable	**Copy Owner:**	
Target Audience						
Data Sources	☒ Primary ☐ Secondary	**Sources:**	Reimbursement claims submitted electronically from Ontario hospitals.			
Population Groups	Patients being treated with certain expensive antineoplastic drugs.					
Data Granularity	☒ Personal ☐ Anonymous ☐ Pseudonymous ☐ Aggregated	**Aggregation Levels:**				

DATA TABLES

Entity Name	Entity Description	Primary Identifiers	Data Collection Location	Resident and/or Provider	Geographic Codes (Postal, LHIN...)	Data Availability
PATIENT ENROLLMENT DEMOGRAPHICS	Demographic information for NDFP patients. Includes patient name, birth date, sex, postal code, and OHIP number.	Patient ID (System-generated key), OHIP Number	Hospitals	Provider	Postal Code	Earliest Data: 1995 Latest Data: Current Update Freq.: Monthly Mandatory? Yes
PATIENT DRUG TREATMENT	Summarized treatment history for NDFP patients showing each drug for which they are being reimbursed. Also includes information about which eligibility criteria have been met for each drug. Individual treatments are not listed.	Patient ID, Disease Sequence, Drug Code	Hospitals	Provider		Earliest Data: 1995 Latest Data: Current Update Freq.: Monthly Mandatory? Yes
PATIENT TREATMENT	Details about each NDFP treatment event. Includes drug, dose, treating physician, and whether the reimbursement request was approved or denied.	Patient ID, Disease Sequence, Facility ID, Treatment Date	Hospitals	Provider		Earliest Data: 1995 Latest Data: Current Update Freq.: Monthly Mandatory? Yes
PATIENT DISEASE ELIGIBILITY	Eligibility information for NDFP patients, showing which disease they are being reimbursed for. Includes cancer stage, diagnosis date, and the therapy sequence for this drug (e.g. 1st line treatment).	Patient ID, Disease Sequence, Drug Code	Hospitals	Provider		Earliest Data: 1995 Latest Data: Current Update Freq.: Monthly Mandatory? Yes
9 OTHER TABLES	Includes reference tables for drugs, facilities, physicians, eligibility criteria, and histology.		Hospitals	Provider		Earliest Data: 1995 Latest Data: Current Update Freq.: Monthly Mandatory? Yes

USAGE CONSTRAINTS

Privacy Constraints	Cancer Care Ontario's privacy policy can be found at http://www.cancercare.on.ca/default_privacy.htm.
Restricted Copy Rules	
Derived Works Limitations	

DATA ACCESS

Network Accessibility	☐ None ☐ Internet ☐ Intranet ☐ VPN ☐ SSHA Network ☐ Others _____
DSS Tools	

SYSTEM REQUIREMENTS

Licensing	
Software Requirements	
User Platform	☐ Web browser ☐ Windows 2000/XP ☐ Mac OS 9 / X ☐ Unix ☐ Linux
Network Requirements	

CONTACTS

Support/Questions	Support Organization	Title	Name	Phone #	E-Mail
	Cancer Care Ontario	Senior Analyst	Darren Arndt	(416) 971-5100 x1332	Darren.Arndt@cancercare.on.ca

ADDITIONAL NOTES

Oncology Wait Times Database (OWTDB)

Data Categories		☒ Clinical ☒ Demographics ☐ Financial ☐ Health HR ☐ Reference ☐ Surveys ☐ Other: _____					
Health Topics	**Services**	☒ Acute Care ☐ Community Care ☐ Complex Continuing Care ☐ Emergency Care ☐ Long-Term Care ☐ Mental Health/Addictions ☐ Palliative Care ☐ Primary Care ☐ Rehabilitation ☐ Other: _____					
	Wait Time Related	☒ Cancer Services ☐ Cardiac Services ☐ Cataract Surgery ☐ Hip/Knee Joint Replacement ☐ MRI/CT Scan ☐ Other: _____					
	Age Groups	☐ Children (0-11) ☐ Youth (12-17) ☐ Adult (18-64) ☐ Seniors (65+)					
	Other Topics	☐ Diabetes ☐ Morbidity ☐ Mortality ☐ Osteoporosis ☐ Paediatrics ☐ Patient Safety ☐ Prescription Drugs ☐ Trauma/Injuries ☐ Women's Health ☐ Other: _____					
Web URL	**Information:**	http://www.cancercare.on.ca/access_waitTimes.asp			**Login:**		

Overview

Description	Cancer Care Ontario collects wait times data from Integrated Cancer Programs in Ontario for radiation therapy and systemic treatment. Dates currently collected are referral, first consult, decision to treat, and first treatment. These dates are collected at the first consult and first treatment event for each patient. Limited wait time data are reported publicly on Cancer Care Ontario's website. Limited surgical oncology wait time data is being introduced in 2005 as part of the surgical oncology funding agreements that CCO has with a number of Ontario hospitals. The radiation and systemic wait times data is currently stored in separate tables in the Activity Level Reporting database. It is likely that this wait time's data will be consolidated with the surgical wait time's data sometime in 2005/06. The Decision-to-treat date was added for radiation wait times in 2004/05 and is being added for systemic wait times in 2005/06.
Info Holding Owner	Cancer Care Ontario
MOHLTC Owns:	☐ Unrestricted Copy ☐ Restricted Copy ☒ Does not own a copy ☐ Not Applicable **Copy Owner:**
Target Audience	
Data Sources	☑ Primary ☐ Secondary **Sources:** CCO Data Book; CIHI DAD/NACRS (for new surgical wait times)
Population Groups	
Data Granularity	☒ Personal ☐ Anonymous ☐ Pseudonymous ☐ Aggregated **Aggregation Levels:**

DATA TABLES

Table Name	Table Description	Primary Identifiers	Data Collection Location	Resident and/or Provider	Geographic Codes (Postal, LHIN...)	Data Availability
RADIATION WAIT TIMES, CONSULT COHORT	Wait times for radiation therapy patients for the interval ending with the first consult event with a radiation oncologist. (i.e. Referral to Consult)	Patient Chart, Disease Number, Centre, Consult Date	ICPs	Provider		Earliest Data: 1992 Latest Data: Current Update Freq.: Monthly Mandatory? Yes
RADIATION WAIT TIMES, TREATMENT COHORT	Wait times for radiation therapy patients for all intervals ending with the first radiation treatment event. (i.e. Referral to Treatment, Consult to Treatment, Decision-to-treat to Treatment)	Patient Chart, Disease Number, Centre, Treatment Date	ICPs	Provider		Earliest Data: 1992 Latest Data: Current Update Freq.: Monthly Mandatory? Yes
SYSTEMIC WAIT TIMES, CONSULT COHORT	Wait times for systemic therapy patients for the interval ending with the first consult event with a medical oncologist. (i.e. Referral to Consult)	Patient Chart, Disease Number, Centre, Consult Date	ICPs	Provider		Earliest Data: 1992 Latest Data: Current Update Freq.: Monthly Mandatory? Yes
SYSTEMIC WAIT TIMES, TREATMENT COHORT	Wait times for systemic therapy patients for all intervals ending with the first systemic treatment event. (i.e. Referral to Treatment, Consult to Treatment, Decision-to-treat to Treatment)	Patient Chart, Disease Number, Centre, Treatment Date	ICPs	Provider		Earliest Data: 1992 Latest Data: Current Update Freq.: Monthly Mandatory? Yes
PLUS LINKS TO OTHER TABLES IN THE ACTIVITY LEVEL REPORTING DATASET	Links to patient and disease information for these consult and treatment events.	Patient Chart, Disease Number, Centre, Visit Date	ICPs	Provider	Postal Code, Residence Code	Earliest Data: 1992 Latest Data: Current Update Freq.: Monthly Mandatory? Yes

USAGE CONSTRAINTS

Privacy Constraints	Cancer Care Ontario's privacy policy can be found at http://www.cancercare.on.ca/default_privacy.htm.
Restricted Copy Rules	
Derived Works Limitations	

DATA ACCESS

Network Accessibility	☐ None ☐ Internet ☐ Intranet ☐ VPN ☐ SSHA Network ☐ Others _____
DSS Tools	

SYSTEM REQUIREMENTS

Licensing	
Software Requirements	
User Platform	☐ Web browser ☐ Windows 2000/XP ☐ Mac OS 9 / X ☐ Unix ☐ Linux
Network Requirements	

CONTACTS

Support/Questions	Support Organization	Title	Name	Phone #	E-Mail
	Cancer Care Ontario	Senior Analyst	Darren Arndt	(416) 971-5100 x1332	Darren.Arndt@cancercare.on.ca

ADDITIONAL NOTES

Ontario Breast Screening Program Database (OBSPDB)

Data Categories		☒ Clinical ☒ Demographics ☐ Financial ☐ Health HR ☐ Reference ☐ Surveys ☐ Other: _____					
Health Topics	**Services**	☐ Acute Care ☐ Community Care ☐ Complex Continuing Care ☐ Emergency Care ☐ Long-Term Care ☐ Mental Health/Addictions ☐ Palliative Care ☐ Primary Care ☐ Rehabilitation ☒ Other: Cancer Screening					
	Wait Time Related	☒ Cancer Services ☐ Cardiac Services ☐ Cataract Surgery ☐ Hip/Knee Joint Replacement ☐ MRI/CT Scan ☐ Other: _____					
	Age Groups	☐ Children (0-11) ☐ Youth (12-17) ☐ Adult (18-64) ☐ Seniors (65+)					
	Other Topics	☐ Diabetes ☐ Morbidity ☐ Mortality ☐ Osteoporosis ☐ Paediatrics ☐ Patient Safety ☐ Prescription Drugs ☐ Trauma/Injuries ☒ Women's Health ☐ Other: _____					
Web URL	**Information:**	http://www.cancercare.on.ca/prevention_107.htm		**Login:**			

Overview

Description	The Ontario Breast Screening Program database supports the day to day operations of the OBSP: client recruitment, screening, reporting to client and physician, tracking abnormal cases, and recalling women for their next screening. It is also used for quality assurance, statistical reporting for CCO management and for the MOHLTC, and providing data to the National Breast Screening Program and various epidemiological studies.				
Info Holding Owner	Cancer Care Ontario				
MOHLTC Owns:	☐ Unrestricted Copy	☐ Restricted Copy	☒ Does not own a copy	☐ Not Applicable	**Copy Owner:**
Target Audience	OBSP program management, researchers				
Data Sources	☒ Primary	☐ Secondary	**Sources:**		
Population Groups					
Data Granularity	☒ Personal	☐ Anonymous	☐ Pseudonymous	☐ Aggregated	**Aggregation Levels:**

DATA TABLES

Table Name	Table Description	Primary Identifiers	Data Collection Location	Resident and/or Provider	Geographic Codes (Postal, LHIN...)	Data Availability
SCREENING	Contains one record per screening event. Includes clinical details about the screening.	Client ID, Screen Number, Centre ID	Breast Screening Clinics	Provider		Earliest Data: 1990 Latest Data: Current Update Freq.: Real-time Mandatory? Yes
CLIENT	Clients of the screening program or potential clients (candidates) for screening. Includes name, birth date, and a link to the client address which includes postal code.	Client ID, OHIP Number	Breast Screening Clinics	Provider	Postal Code	Earliest Data: 1990 Latest Data: Current Update Freq.: Real-time Mandatory? Yes

DATA TABLES

Table Name	Table Description	Primary Identifiers	Data Collection Location	Resident and/or Provider	Geographic Codes (Postal, LHIN...)	Data Availability
ASSESSMENT PROCEDURE	Information on assessment procedures that occur after the initial screening event. This information is provided to the OBSP by other assessment centres (usually hospitals) that follow up on positive screens.	Client ID, Screen Number, Assessment ID	Breast Screening Clinics	Provider		Earliest Data: 1990 Latest Data: Current Update Freq.: Real-time Mandatory? Yes
CANCER	Diagnostic information about cancers discovered as a result of the screening process. Includes morphology, cancer stage, and number of positive nodes.	Client ID	Breast Screening Clinics	Provider		Earliest Data: 1990 Latest Data: Current Update Freq.: Real-time Mandatory? Yes
20+ OTHER TABLES	Reference tables and other data required for operating the screening program.		Breast Screening Clinics	Provider		Earliest Data: 1990 Latest Data: Current Update Freq.: Real-time Mandatory? Yes

USAGE CONSTRAINTS

Privacy Constraints	Cancer Care Ontario's privacy policy can be found at http://www.cancercare.on.ca/default_privacy.htm
Restricted Copy Rules	
Derived Works Limitations	

DATA ACCESS

Network Accessibility	☐ None ☐ Internet ☐ Intranet ☐ VPN ☐ SSHA Network ☐ Others _____
DSS Tools	

SYSTEM REQUIREMENTS

Licensing	
Software Requirements	
User Platform	☐ Web browser ☐ Windows 2000/XP ☐ Mac OS 9 / X ☐ Unix ☐ Linux
Network Requirements	

CONTACTS

Support/Questions	Support Organization	Title	Name	Phone #	E-Mail
	Cancer Care Ontario	Senior Analyst	Darren Arndt	(416) 971-5100 x1332	Darren.Arndt@cancercare.on.ca

ADDITIONAL NOTES

Ontario Cancer Registry (OCR)

Data Categories		☒ Clinical ☒ Demographics ☐ Financial ☐ Health HR ☐ Reference ☐ Surveys ☐ Other: _____				
Health Topics	**Services**	☒ Acute Care ☐ Community Care ☐ Complex Continuing Care ☐ Emergency Care ☐ Long-Term Care ☐ Mental Health/Addictions ☐ Palliative Care ☐ Primary Care ☐ Rehabilitation ☐ Other: _____				
	Wait Time Related	☒ Cancer Services ☐ Cardiac Services ☐ Cataract Surgery ☐ Hip/Knee Joint Replacement ☐ MRI/CT Scan ☐ Other: _____				
	Age Groups	☐ Children (0-11) ☐ Youth (12-17) ☐ Adult (18-64) ☐ Seniors (65+)				
	Other Topics	☐ Diabetes ☐ Morbidity ☒ Mortality ☐ Osteoporosis ☐ Paediatrics ☐ Patient Safety ☐ Prescription Drugs ☐ Trauma/Injuries ☐ Women's Health ☐ Other: _____				
Web URL	**Information:**	http://www.cancercare.on.ca/prevention_cancerRegistry.htm		**Login:**		

Overview

Description	The Ontario Cancer Registry (OCR) is a computerized database of information on all Ontario residents who have been newly diagnosed with cancer ("incidence") or who have died of cancer ("mortality"). All new cases of cancer are registered, except non-melanoma skin cancer. Close to 400,000 records are submitted to the OCR each year. Cancer is not a reportable disease in Ontario; therefore, submission of data to OCR is voluntary. OCR is used for the following purposes: Surveillance (examining trends in cancer incidence and mortality rates and analyzing geographic variation in cancer rates across the province); Dissemination of data to the Canadian Cancer Registry at Statistics Canada (annually), the North American Association of Central Cancer, Registries (annually) & the International Agency for Research on Cancer; Population-based epidemiological studies; Research studies; Linking data to other databases such as the Integrated Client Management System at the Ontario Breast Screening Program (OBSP); and reporting cancer statistics to the public on an annual basis.		
Info Holding Owner	Cancer Care Ontario (CCO)		
MOHLTC Owns:	☐ Unrestricted Copy ☐ Restricted Copy ☒ Does not own a copy ☐ Not Applicable	**Copy Owner:**	
Target Audience	MOHLTC Public Health Branch, CCO, International Agency for Research on Cancer, CIHI, Breast & Colon Familial Registry, OCR staff.		
Data Sources	☐ Primary ☒ Secondary	**Sources:**	CIHI Hospital Discharge Abstracts; Pathology Reports (paper); Pathology Data (PIMS); Registered Person Database (MOHLTC); Registrar General (Mortality Data); Chemo/Radiation Clinic visits (Integrated Cancer Programs & Princess Margaret Hospital); Data from Other Provincial Registries. Since 1979, the OCR has relied on the same four major data sources: hospital discharge and day surgery summaries which include a diagnosis of cancer; pathology reports with any mention of cancer; records of patients referred to Ontario's Integrated Cancer Programs or the Princess Margaret Hospital; and death certificates with cancer recorded as the underlying cause of death.
Population Groups			
Data Granularity	☒ Personal ☐ Anonymous ☐ Pseudonymous ☐ Aggregated	**Aggregation Levels:**	

DATA TABLES

Table Name	Table Description	Primary Identifiers	Data Collection Location	Resident and/or Provider	Geographic Codes (Postal, LHIN...)	Data Availability
PATIENT HEADER	Contains one record for every resolved patient. This table is regenerated after each linkage process between the various source datasets. It summarizes the source record information for the patient.	Group Number (System-generated key)	Various	Provider	Postal Code, Residence Code	Earliest Data: 1964 Latest Data: 2004/05 Update Freq.: Varies by Mandatory? source.
CASE HEADER	Contains one record for every resolved primary cancer, as determined by the Case Resolution process. This process examines the diagnostic data elements on the source records for each patient and creates "incident" or "non-incident" case records to summarize each distinct primary cancer as identified through a complex set of rules based upon medical logic. Each patient will have 0-5 case records.	Group Number, Resolved Case Number, Resolved ICD Code	Various	Provider	Postal Code, Residence Code	Earliest Data: 1964 Latest Data: 2004/05 Update Freq.: Varies by Mandatory? source.
5 PMH TABLES	Data from the Princess Margaret Hospital Cancer Registry.					
5 RCC TABLES	Data from the Regional Cancer Centres in Ontario.					
5 PATHOLOGY TABLES	Cancer data from paper and electronic pathology reports from Ontario hospital laboratories.					
6 HOSPITAL DISCHARGE TABLES	Cancer data from CIHI Discharge Abstract Database and the Same Day Surgery/ NACRS datasets for Ontario hospitals.					
10+ DIAGNOSIS REFERENCE TABLES	Reference and conversion tables for ICD9 and morphology classifications.					
25+ OTHER TABLES	Various other reference tables.					

USAGE CONSTRAINTS

Privacy Constraints	Cancer Care Ontario's privacy policy can be found at http://www.cancercare.on.ca/default_privacy.htm.
Restricted Copy Rules	Certain source components of the Ontario Cancer Registry have additional access and/or usage constraints as defined by the information providers, such as CIHI's DAD & NACRS datasets, the MOHLTC's Registered Person's Database, and the Registrar General's Mortality Data.
Derived Works Limitations	

DATA ACCESS

Network Accessibility	☐ None ☐ Internet ☐ Intranet ☐ VPN ☐ SSHA Network ☐ Others: _____
DSS Tools	

SYSTEM REQUIREMENTS

Licensing	
Software Requirements	
User Platform	☐ Web browser ☐ Windows 2000/XP ☐ Mac OS 9 / X ☐ Unix ☐ Linux
Network Requirements	

CONTACTS

Support/Questions	Support Organization	Title	Name	Phone #	E-Mail
	Cancer Care Ontario	Senior Analyst	Darren Arndt	(416) 971-5100 x1332	Darren.Arndt@cancercare.on.ca

ADDITIONAL NOTES

The OCR regularly contributes incidence data to the Canadian Cancer Registry based at Statistics Canada, the North American Association of Central Cancer Registries and to the International Agency for Research on Cancer. The Public Health Branch of the Ministry of Health also receives data from the OCR for its community health information system.

Delays in receiving this data from external sources can occur.

Pathology Information Management System (PIMS)

Data Categories		☒ Clinical ☐ Demographics ☐ Financial ☐ Health HR ☐ Reference ☐ Surveys ☐ Other: _____					
Health Topics	**Services**	☐ Acute Care ☐ Community Care ☐ Complex Continuing Care ☐ Emergency Care ☐ Long-Term Care ☐ Mental Health/Addictions ☐ Palliative Care ☐ Primary Care ☐ Rehabilitation ☐ Other: _____					
	Wait Time Related	☒ Cancer Services ☐ Cardiac Services ☐ Cataract Surgery ☐ Hip/Knee Joint Replacement ☐ MRI/CT Scan ☐ Other: _____					
	Age Groups	☐ Children (0-11) ☐ Youth (12-17) ☐ Adult (18-64) ☐ Seniors (65+)					
	Other Topics	☐ Diabetes ☐ Morbidity ☐ Mortality ☐ Osteoporosis ☐ Paediatrics ☐ Patient Safety ☐ Prescription Drugs ☐ Trauma/Injuries ☐ Women's Health ☐ Other: _____					
Web URL	**Information:**	http://www.cancercare.on.ca/ontariocancernewsarchives/200404/index_0404story4.html		**Login:**			

Overview

Description	In 2002, Cancer Care Ontario developed and piloted a custom Pathology Information Management System (PIMS) to allow laboratories the ability to electronically submit information to the Ontario Cancer Registry. PIMS is operational at many hospital and laboratory sites. It provides timely access to pathology information. The project allows for a common reporting system for cancer patients. It has been developed on an ORACLE database using a UNIX platform. The project will result in improvements in compliance, timeliness and quality of submission of tumor pathology information to the Ontario Cancer Registry (OCR). It will also provide efficient access to relevant information by researchers and clinicians. Hospitals are mandated to report cancer pathology data to CCO, but not all are using PIMS yet. Some submit pathology reports in paper format.				
Info Holding Owner	Cancer Care Ontario (CCO)				
MOHLTC Owns:	☐ Unrestricted Copy ☐ Restricted Copy ☒ Does not own a copy ☐ Not Applicable			**Copy Owner:**	
Target Audience	Pathology Laboratories, CCO, Same users as the Ontario Cancer Registry (OCR)				
Data Sources	☒ Primary ☐ Secondary		**Sources:**	Pathology Reports; Coded pathology data. Currently over 85,000 paper reports are submitted annually in paper format by 85 laboratories to OCR.	
Population Groups					
Data Granularity	☐ Personal ☐ Anonymous ☐ Pseudonymous ☐ Aggregated			**Aggregation Levels:**	

DATA TABLES

Table Name	Table Description	Primary Identifiers	Data Collection Location	Resident and/or Provider	Geographic Codes (Postal, LHIN...)	Data Availability
PATIENT	Contains all patients who have a classified cancer pathology report. Includes name, birth date, and the most recent pathology report received.	Patient ID (System-generated key), OHIP Number	Pathology Labs	Provider	Postal Code	Earliest Data: 2002 Latest Data: Current Update Freq.: Daily Mandatory? Yes
PATHOLOGY REPORT	A summary record for each classified cancer pathology report. Includes the institution, pathologist, specimen date, and report date.	Patient ID, Report ID (System-generated key)	Pathology Labs	Provider		Earliest Data: 2002 Latest Data: Current Update Freq.: Daily Mandatory? Yes
PATHOLOGY REPORT CODES	Contains the CCO-assigned ICD topography and morphology codes for each classified cancer pathology report.	Report ID, Specimen ID	Pathology Labs	Provider		Earliest Data: 2002 Latest Data: Current Update Freq.: Daily Mandatory? Yes
PATHOLOGY REPORT TEXT	Contains the text for each section of the pathology report.	Report ID, Specimen ID, Section ID	Pathology Labs	Provider		Earliest Data: 2002 Latest Data: Current Update Freq.: Daily Mandatory? Yes
20+ OTHER TABLES	Various reference tables and operational tables used in the processing of the PIMS data.		Pathology Labs	Provider		Earliest Data: 2002 Latest Data: Current Update Freq.: Daily Mandatory? Yes

USAGE CONSTRAINTS

Privacy Constraints	Cancer Care Ontario's privacy policy can be found at http://www.cancercare.on.ca/default_privacy.htm.
Restricted Copy Rules	
Derived Works Limitations	

DATA ACCESS

Network Accessibility	☐ None ☐ Internet ☐ Intranet ☐ VPN ☐ SSHA Network ☐ Others: _____
DSS Tools	

SYSTEM REQUIREMENTS

Licensing	
Software Requirements	
User Platform	☐ Web browser ☐ Windows 2000/XP ☐ Mac OS 9 / X ☐ Unix ☐ Linux
Network Requirements	

CONTACTS

Support/Questions	Support Organization	Title	Name	Phone #	E-Mail
	Cancer Care Ontario	Senior Analyst	Darren Arndt	(416) 971-5100 x1332	Darren.Arndt@cancercare.on.ca

ADDITIONAL NOTES

PIMS accepts an electronic data feed from a pathology system, automatically codes the pathology report, and then transmits the report and the coded pathology data to CCO for inclusion in the Ontario Cancer Registry.

PIMS is already operational at Lakeridge Health Corporation, Cambridge Memorial Hospital, Gamma-Dynacare Laboratories, University Health Network, Mount Sinai Hospital, and Rouge Valley Hospital Centenary Site and Ajax Pickering Site. Cancer Care Ontario is now working to implement PIMS at Sunnybrook & Women's College Health Sciences Centre, Markham Stouffville Hospital, Royal Victoria Hospital in Barrie, Toronto East General Hospital and St. Michael's Hospital. More participants across the province are expected to join this priority initiative over the coming months.

Information Holdings: Provincial

Cardiac Care Network of Ontario

4

Cardiac Waiting List Registry (CWLR)

Data Categories		☒ Clinical ☒ Demographics ☐ Financial ☐ Health HR ☐ Reference ☐ Surveys ☐ Other: _____					
Health Topics	**Services**	☒ Acute Care ☐ Community Care ☐ Complex Continuing Care ☒ Emergency Care ☐ Long-Term Care ☐ Mental Health/Addictions ☐ Palliative Care ☐ Primary Care ☐ Rehabilitation ☐ Other: _____					
	Wait Time Related	☐ Cancer Services ☒ Cardiac Services ☐ Cataract Surgery ☐ Hip/Knee Joint Replacement ☐ MRI/CT Scan ☐ Other: _____					
	Age Groups	☐ Children (0-11) ☐ Youth (12-17) ☒ Adult (18-64) ☐ Seniors (65+)					
	Other Topics	☒ Diabetes ☒ Morbidity ☒ Mortality ☐ Osteoporosis ☐ Paediatrics ☐ Patient Safety ☐ Prescription Drugs ☐ Trauma/Injuries ☐ Women's Health ☐ Other: _____					
Web URL	**Information:**	http://www.ccn.on.ca/		**Login:**	n/a		

Overview

Description

The Cardiac Care Network of Ontario (CCN) is an advisory body to the MOHLTC. The CCN has two primary functions: coordinating the provision of adult cardiac services with the aid of a computerized registry and advising the Ministry on issues related to cardiac services. The database, in 17 member hospitals in Ontario, is used by the Regional Cardiac Care Coordinators to facilitate and monitor access to services by patients and their physicians.

CCN's provincial patient registry and management information system provide a concrete, objective profile of Ontarians waiting for cardiac surgery, catheterization, angioplasty and stent procedures, and guide referrals for these procedures. Data are gathered from referring physicians by regional cardiac care coordinators. CCN continuously monitors and evaluates waiting times and mortality rates for advanced cardiac services and alerts the MOHLTC when access may be jeopardized. The success of the surgical registry prompted the Ministry to support the expansion of the database to include catheterizations, angioplasties and stent procedures in 2000.

The CCN database has improved decision-making by: using standardized cardiac definitions such as the urgency rating score, highlighting current and potential cardiac-service issues and providing cost accounting and tracking program costs within cardiac service centres. Data is publicly released in an annual Cardiac Report Card, jointly produced by CCN and ICES.

CCN has data quality processes in place to measure data completeness, accuracy and relevancy. The data is verified by each hospital on a monthly basis and chart audits are performed on a frequent basis.

CCN's current system is past due for an upgrade and data model redesign. The hardware is over eight years old, operating under an unsupported environment. As a result it cannot be enhanced to support robust reporting and expanding data needs of the hospitals. A proposal for funds has been submitted to the MOHLTC and CCN is awaiting a response from the Ontario Wait List Strategy team.

Info Holding Owner	Cardiac Care Network of Ontario			
MOHLTC Owns:	☐ Unrestricted Copy ☐ Restricted Copy ☒ Does not own a copy ☐ Not Applicable	**Copy Owner:**	n/a	
Target Audience	Cardiac Providers (hospitals, physicians and clinicians), Referring physicians, MOHLTC, ICES/health sciences researchers			
Data Sources	☒ Primary ☐ Secondary	**Sources:**	Referral from physicians and hospital patient charts	

Population Groups	All Ontarians and non-Ontarians on the wait list for Surgical, Angioplasty and Catheterization procedures						
Data Granularity	☒ Personal	☐ Anonymous	☐ Pseudonymous	☐ Aggregated	**Aggregation Levels:**	Ability to aggregate all multiple levels	

DATA TABLES

Table Name	Table Description	Primary Identifiers	Data Collection Location	Resident and/or Provider	Geographic Codes (Postal, LHIN...)	Data Availability	
Demographics	Patient demographics including institution, name, address, postal code, OHIN, gender, DOB.	ID_Number Institution_Code	Hospitals	Resident and Provider	Postal code	Earliest Data: Latest Data: Update Freq.: Mandatory?	1991 Current Real time/Near real time Yes
Patient Brochure	Privacy flag to indicate patient received patient information brochure (includes information on CCN's information practices).	ID_Number Institution_Code	Hospitals	Resident and Provider	N/A	Earliest Data: Latest Data: Update Freq.: Mandatory?	2004 Current Real time/Near real time No, but required
Encounters	Information relating to the procedure patient is on the wait list for including clinical, morbidity, patient history, URS, procedure off-list (taken off the wait list due to procedure complete, mortality, etc), patient location at time of procedure details. Multiple encounters can exist for one patient.	ID_Number Institution_Code Encounter	Hospitals	Resident and Provider	Postal Code	Earliest Data: Latest Data: Update Freq.: Mandatory?	1991 Surgery, 2000 Catheterization, PCI and Ad Hoc PCI Current Real time/Near real time Yes
Drug Eluting Stents	Stent utilization details including lesion location, lesion type, survival dependent vessel, stent type, DES type, stent size, stent length, due to restenosis specific to the encounter	ID_Numbber Institution_Code Enounter Stent_ID	Hospitals	Resident and Provider	N/A	Earliest Data: Latest Data: Update Freq.: Mandatory?	2004 Current Real time/Near real time Yes if PCI or Ad Hoc PCI performed
Deferrals	Deferrals from the wait list including reason specific to the encounter and date of reinstatement (reinstated on the wait list).	ID_number Institution_code Encounter Deferral_date	Hospitals	Resident and Provider	N/A	Earliest Data: Latest Data: Update Freq.: Mandatory?	1991 Current Real time/Near real time Yes

DATA TABLES

Table Name	Table Description	Primary Identifiers	Data Collection Location	Resident and/or Provider	Geographic Codes (Postal, LHIN...)	Data Availability
Cancels	Cancellations from the wait list including cancel code, encounter, cancel date specific to the encounter.	ID_number Institution_code Encounter Cancel_date	Hospitals	Resident and Provider	N/A	Earliest Data: 1991 Latest Data: Current Update Freq.: Real time/Near real time Mandatory? Yes
Notes	Free form patient notes specific to the encounter including encounter, date.	ID_number Institution_code Encounter	Hospitals	Resident and Provider	N/A	Earliest Data: 1991 Latest Data: Current Update Freq.: Real time/Near real time Mandatory? Yes
Events	Other clinical events relating the to the procedure specific to the encounter.	ID_number Institution_code Encounter	Hospitals	Resident and Provider	N/A	Earliest Data: 1991 Latest Data: Current Update Freq.: Real time/Near real time Mandatory? Yes
Contacts	Patient contact log relating to the procedure specific to the encounter.	ID_number Institution_code Encounter Contact number	Hospitals	Resident and Provider	NA	Earliest Data: Latest Data: Update Freq.: Mandatory?
Hospital Specific	Hospitals can specify 20 numeric, 10 date and 25 text fields unique to their data needs specific to the encounter.	ID_number Institution_code Encounter	Hospitals	Resident and Provider	N/A	Earliest Data: 1991 Latest Data: Current Update Freq.: Real time/Near real time Mandatory? Yes
Data External to Database						
MOHLTC Funded Volumes	Hospital monthly MOHLTC funded volumes (hospital targets) for Surgery, Catheterization, PCI (non ad hoc and ad hoc).	N/A	MOHLTC	N/A	N/A	Earliest Data: 1999/2000 Latest Data: Current Update Freq.: Yearly Mandatory? Yes
ICD	Number of procedures completed by month by hospital (aggregate).	N/A	Hospitals	Provider	N/A	Earliest Data: 2004 Latest Data: Current Update Freq.: Monthly Mandatory? No

DATA TABLES

Table Name	Table Description	Primary Identifiers	Data Collection Location	Resident and/or Provider	Geographic Codes (Postal, LHIN...)	Data Availability
EPS/Ablation	Number of procedures completed by month by hospital (Aggregate).	N/A	Hospitals	Provider	N/A	Earliest Data: 2000 Latest Data: Current Update Freq.: Monthly Mandatory: No

USAGE CONSTRAINTS

Privacy Constraints	At all stages of the patient-care process, the security and confidentiality of all information in the registry are strictly protected.
Restricted Copy Rules	Seventeen separate hospital databases and one central repository. CWLR cannot be copied in whole or in part except as derived under Derived Work Limitations.
Derived Works Limitations	Reporting at an aggregate level to MOHLTC, hospitals, system planners and public must contain aggregated values only. (Small cell counts of <=5 are suppressed). Hospitals are provided with non-aggregated data at their request and for data quality purposes. Fiscal data extracts are provided to ICES (complete dataset excluding patient name, street address and phone numbers).

DATA ACCESS

Network Accessibility	☐ None ☐ Internet ☐ Intranet ☐ VPN ☒ SSHA Network - using SSH 128 bit encryption (point to point with hospitals) (CCN office for system management purposes only and nightly data downloads from hospitals to CCN repository. Presently all sites are being migrated to the SSHA MPN (Managed Private Network). ☒ Others: LAN - Client Server at each hospital site (their data only).
DSS Tools	Crystal Reports 7.0 and SPSS 13.0

SYSTEM REQUIREMENTS

Licensing	All Cardiac Hospitals sign a participation agreement with clauses relating to system use and accountability. No user licensing is required since the application is developed and maintained in-house.
Software Requirements	Oracle 7.3.4, Oracle Forms 4.5, client server workstations using Win98 to XP, Crystal 7.0.
User Platform	☐ Web browser ☒ Windows 2000/XP ☐ Mac OS 9 / X ☒ Unix/SCO 5.05 ☐ Linux
Network Requirements	

CONTACTS

Support/Questions	Support Organization	Title	Name	Phone #	E-Mail
General Questions	Cardiac Care Network of Ontario	CEO	Dr. Kevin Glasgow	(416) 512-7472 x222	kglasgow@ccn.on.ca
	Cardiac Care Network of Ontario	Assistant to CEO	Joan Zarbatany		jzarbatany@ccn.on.ca
Decision support	Cardiac Care Network of Ontario	Decision Support Analyst	Lucy Li	(416) 512-7472 x235	lli@ccn.on.ca
IT application support	Cardiac Care Network of Ontario	Systems Analyst	Anh Do	(416) 512-7472 x233	ado@ccn.on.ca
Technical support	Cardiac Care Network of Ontario	PC/Network Specialist	Darko Mazalica	(416) 512-7472 x230	dmazalica@ccn.on.ca

ADDITIONAL NOTES

1. CCN's website includes current hospital-specific statistics on access to care, referral information, annual reports, consensus-panel documents, operating plans and other releases. It's annual reports includes hospital and provincial level information on indicators such as number of cases completed for cardiac surgery, caths and angioplasties, waiting lists and times, number of deaths waiting for surgery and the number of cancellations.
2. CCN is planning to migrate to an electronic and fax referral, web-based, centralized system with a re-designed, normalized data model with additional functionality and procedures such as Arrhythmia.
3. CCN is currently undergoing a data definition review and changes will be made to the data elements (deletions, additions, re-defined).

Information Holdings: Provincial

College of Nurses of Ontario

5

Nursing Database

Data Categories		☐ Clinical ☒ Demographics ☐ Financial ☒ Health HR ☐ Reference ☐ Surveys ☐ Other: _____					
Health Topics	**Services**	☐ Acute Care ☐ Community Care ☐ Complex Continuing Care ☐ Emergency Care ☐ Long-Term Care ☐ Mental Health/Addictions ☐ Palliative Care ☐ Primary Care ☐ Rehabilitation ☐ Other: _____					
	Wait Time Related	☐ Cancer Services ☐ Cardiac Services ☐ Cataract Surgery ☐ Hip/Knee Joint Replacement ☐ MRI/CT Scan ☐ Other: _____					
	Age Groups	☐ Children (0-11) ☐ Youth (12-17) ☐ Adult (18-64) ☐ Seniors (65+)					
	Other Topics	☐ Diabetes ☐ Morbidity ☐ Mortality ☐ Osteoporosis ☐ Paediatrics ☐ Patient Safety ☐ Prescription Drugs ☐ Trauma/Injuries ☐ Women's Health ☐ Other: _____					
Web URL	**Information:**	http://www.cno.org			**Login:**		

Overview

Description	The College of Nurses of Ontario (CNO) is the governing body of the registered nurses (RN) and registered practical nurses (RPN) in Ontario. CNO regulates nursing to protect the public interest and sets requirements to enter the profession, establishes and enforces standards of nursing practice, and assures the quality of practice of the profession and the continuing competence of nurses. CNO maintains information with respect to all nurses registered in Ontario, and provides all publicly available information regarding nurses: name, registration number, business address, business phone number, category, class, education and registration information, terms, limits or conditions that are on the nurse's certificate and information about discipline hearings.
Info Holding Owner	College of Nurses of Ontario
MOHLTC Owns:	☐Unrestricted Copy ☐ Restricted Copy ☒ Does not own a copy ☐ Not Applicable **Copy Owner:**
Target Audience	Members of the public, nurses, nursing policymakers, associations, researchers and the provincial and federal governments
Data Sources	☒ Primary ☐ Secondary **Sources:** Information is collected through the College's registration and annual renewal processes
Population Groups	
Data Granularity	☒ Personal ☐ Anonymous ☐ Pseudonymous ☐ Aggregated **Aggregation Levels:**

DATA TABLES

Table Name	Table Description	Primary Identifiers	Data Collection Location	Resident and/or Provider	Geographic Codes (Postal, LHIN...)	Data Availability
	• Demographics and initial education for applicants • Demographics, initial education and employment for members					

USAGE CONSTRAINTS

Privacy Constraints	• Requests for mailing labels should be done in accordance with the CNO Mailing Label Request Form that can be found at http://www.cno.org/about/stats.html • Requests for aggregate data should be done in accordance with the CNO Data Request Form that can be found at http://www.cno.org/about/stats.html
Restricted Copy Rules	
Derived Works Limitations	

DATA ACCESS

Network Accessibility	☐ None	☐ Internet	☒ Intranet	☐ VPN	☐ SSHA Network	☐ Others:_____
DSS Tools						

SYSTEM REQUIREMENTS

Licensing					
Software Requirements					
User Platform	☐ Web browser	☐ Windows 2000/XP	☐ Mac OS 9 / X	☐ Unix	☐ Linux
Network Requirements					

CONTACTS

Support/Questions	Support Organization	Title	Name	Phone #	E-Mail
	College of Nurses of Ontario	Director, Knowledge Management	Cathy Stanford	(416) 963-7523	cstanford@cnomail.org

ADDITIONAL NOTES

Information Holdings: Provincial

College of Physicians and Surgeons

6

Physicians and Surgeons Database

Data Categories		☐ Clinical ☐ Demographics ☐ Financial ☒ Health HR ☐ Reference ☐ Surveys ☐ Other: _____					
Health Topics	**Services**	☐ Acute Care ☐ Community Care ☐ Complex Continuing Care ☐ Emergency Care ☐ Long-Term Care ☐ Mental Health/Addictions ☐ Palliative Care ☐ Primary Care ☐ Rehabilitation ☐ Other: _____					
	Wait Time Related	☐ Cancer Services ☐ Cardiac Services ☐ Cataract Surgery ☐ Hip/Knee Joint Replacement ☐ MRI/CT Scan ☐ Other: _____					
	Age Groups	☐ Children (0-11) ☐ Youth (12-17) ☐ Adult (18-64) ☐ Seniors (65+)					
	Other Topics	☐ Diabetes ☐ Morbidity ☐ Mortality ☐ Osteoporosis ☐ Paediatrics ☐ Patient Safety ☐ Prescription Drugs ☐ Trauma/Injuries ☐ Women's Health ☐ Other: _____					
Web URL	**Information:**	http://www.cpso.on.ca/		**Login:**			

Overview

Description	The College of Physicians and Surgeons of Ontario (CPSO) is the regulating body for physicians in Ontario. The CPSO maintains information with respect to all physicians registered in Ontario, and provides all publicly available information regarding physicians; Year of graduation, specialty designation, registration status, practice address and phone number, registration number, terms and conditions on a certificate of registration, hospital where physician holds privileges, current referrals to and past findings from the Discipline Committee.				
Info Holding Owner	College of Physicians and Surgeons of Ontario (CPSO)				
MOHLTC Owns:	☐ Unrestricted Copy ☐ Restricted Copy ☒ Does not own a copy ☐ Not Applicable			**Copy Owner:**	
Target Audience	Members of the public, physicians, other regulated health Colleges, MOHLTC, collateral organizations				
Data Sources	☒ Primary ☒ Secondary	**Sources:**	Information is collected through the College's annual registration survey.		
Population Groups					
Data Granularity	☒ Personal ☐ Anonymous ☐ Pseudonymous ☐ Aggregated	**Aggregation Levels:**			

DATA TABLES

Table Name	Table Description	Primary Identifiers	Data Collection Location	Resident and/or Provider	Geographic Codes (Postal, LHIN...)	Data Availability
	Qualifications, Registration History, Address of Practice Location, Hospital where physician has privileges, terms and conditions, current referrals to and past findings from the Discipline Committee.					Earliest Data: _____ Latest Data: _____ Update Freq.: Annual Mandatory? _____

USAGE CONSTRAINTS

Privacy Constraints	All requests for batch information should be done in accordance with the College's policy that can be found at http://www.cpso.on.ca/Policies/physinf2.htm
Restricted Copy Rules	
Derived Works Limitations	

DATA ACCESS

Network Accessibility	☐ None	☒ Internet	☐ Intranet	☐ VPN	☐ SSHA Network	☐ Others: _____
DSS Tools						

SYSTEM REQUIREMENTS

Licensing					
Software Requirements					
User Platform	☐ Web browser	☐ Windows 2000/XP	☐ Mac OS 9 / X	☐ Unix	☐ Linux
Network Requirements					

CONTACTS

Support/Questions	Support Organization	Title	Name	Phone #	E-Mail
	College of Physicians and Surgeons	Manager, Public and Physician Advisory Services	Brian Goldig	(416) 967-2600 x329	bgoldig@cpso.on.ca

ADDITIONAL NOTES

Information Holdings: Provincial

Community Health Division (MOHLTC)

7

CHC MIS Program Evaluation System

Data Categories		☒ Clinical ☒ Demographics ☒ Financial ☒ Health HR ☐ Reference ☐ Surveys ☒ Other: ___Community Services _____
Health Topics	**Services**	☐ Acute Care ☒ Community Care ☐ Complex Continuing Care ☐ Emergency Care ☐ Long-Term Care ☐ Mental Health/Addictions ☐ Palliative Care ☒ Primary Care ☐ Rehabilitation ☐ Other: _____
	Wait Time Related	☐ Cancer Services ☐ Cardiac Services ☐ Cataract Surgery ☐ Hip/Knee Joint Replacement ☐ MRI/CT Scan ☐ Other: _____
	Age Groups	☒ Children (0-11) ☒ Youth (12-17) ☒ Adult (18-64) ☒ Seniors (65+))
	Other Topics	☒ Diabetes ☐ Morbidity ☐ Mortality ☒ Osteoporosis ☐ Paediatrics ☐ Patient Safety ☐ Prescription Drugs ☐ Trauma/Injuries ☒Women's Health ☒ Other: _____Asthma, Early Years, Homeless Population_____
Web URL	**Information:**	**Login:**

Overview

Description	The CHC MIS Program Evaluation System supports planning, management and accountability functions and is business critical. Information collected includes individual, group and community-based services, as well as financial reporting data. Current enhancements under development will add functionality relating to survey data and performance indicators. A systems rollout in 2003 improved front-end input validation rules. This application has a web enabled data transfer and reporting interface.
Info Holding Owner	Community Health Division (MOHLTC)
MOHLTC Owns:	☐ Unrestricted Copy ☐ Restricted Copy ☐ Does not own a copy ☒ Not Applicable **Copy Owner:**
Target Audience	Community-based healthcare program providers, Community Health Branch - MOHLTC
Data Sources	☒ Primary ☐ Secondary **Sources**:
Population Groups	Low income, homeless, cultural and linguistic barriers
Data Granularity	☐ Personal ☒ Anonymous ☐ Pseudonymous ☐ Aggregated **Aggregation Levels:** unique person, service event, community program summary

DATA TABLES

Table Name	Table Description	Primary Identifiers	Data Collection Location	Resident and/or Provider	Geographic Codes (Postal, LHIN...)	Data Availability
	Individual service events	Unique ID, ENCODE-FM*	TP Agency	Both	Postal Codes aggregated to create high level entities	Earliest Data: Apr 2000 Latest Data: Dec 2004 Update Freq.: Monthly Mandatory? Yes

DATA TABLES

Table Name	Table Description	Primary Identifiers	Data Collection Location	Resident and/or Provider	Geographic Codes (Postal, LHIN...)	Data Availability
	Group service events	Unique ID, ENCODE-FM*	TP Agency	Both	Postal Codes aggregated to create high level entities	Earliest Data: Apr 2000 Latest Data: Dec 2004 Update Freq.: Monthly Mandatory? Yes
	Client profile/intended populations	Age, Broad Issue, SES, Health Condition	TP Agency	Resident	Postal Codes aggregated to create high level entities	Earliest Data: Apr 2000 Latest Data: Dec 2004 Update Freq.: Monthly Mandatory? Yes
	Community level initiatives/programs	Objective, Milestone	TP Agency	Both	Postal Codes aggregated to create high level entities	Earliest Data: Apr 2000 Latest Data: Dec 2004 Update Freq.: Quarterly Mandatory? Yes
	Providers/community partners	Unique ID, Roles	TP Agency	Both	Postal Codes aggregated to create high level entities	Earliest Data: Apr 2000 Latest Data: Dec 2004 Update Freq.: Quarterly Mandatory? Yes
	Agency profile	FTEs, Location, Intended Population	TP Agency	Provider	Postal Codes aggregated to create high level entities	Earliest Data: Apr 2000 Latest Data: Dec 2004 Update Freq.: Quarterly Mandatory? Yes
	Financial reporting	Provider Type, Services	TP Agency	Provider	Postal Codes aggregated to create high level entities	Earliest Data: Apr 2000 Latest Data: Dec 2004 Update Freq.: Quarterly Mandatory? Yes

USAGE CONSTRAINTS

Privacy Constraints	Outlined through data sharing schedule to agency agreements
Restricted Copy Rules	N/A
Derived Works Limitations	N/A

DATA ACCESS

Network Accessibility	☐ None ☐ Internet ☐ Intranet ☒ VPN ☐ SSHA Network ☐ Others:_____
DSS Tools	Hummingbird Business Intelligence (BI) Suite

SYSTEM REQUIREMENTS

Licensing	N/A
Software Requirements	Certified Primary Care Clinical Management System Vendor (as of 2005-06)
User Platform	☒ Web browser ☒ Windows 2000/XP ☐ Mac OS 9 / X ☐ Unix ☐ Linux
Network Requirements	Updating current standards in 2005

CONTACTS

Support/Questions	Support Organization	Title	Name	Phone #	E-Mail
Business Lead	CHC Program	Coordinator, Special Projects	David Thornley	(416) 327-9351	David.Thornley@moh.gov.on.ca

ADDITIONAL NOTES

Attempts are being made to link STATS-CANADA data to the information contained in the database for needs-based planning purposes. New system being installed. Data quality issues are under review. Report and plan to address identified issues in late summer 2005.

* ENCODE-FM is a controlled primary care clinical vocabulary that has a hierarchical structure supporting reason for visit, diagnosis and assessment, data aggregation and mapping to ICD-10 and CCI standards.

CPRO (Client Profile Database)

Data Categories		☐ Clinical ☒ Demographics ☐ Financial ☐ Health HR ☐ Reference ☐ Surveys ☒ Other: Client LTC Home Waiting List data					
Health Topics	**Services**	☐ Acute Care ☐ Community Care ☐ Complex Continuing Care ☐ Emergency Care ☒ Long-Term Care ☐ Mental Health/Addictions ☐ Palliative Care ☐ Primary Care ☐ Rehabilitation ☒ Other: Long-Term Care Homes					
	Wait Time Related	☐ Cancer Services ☐ Cardiac Services ☐ Cataract Surgery ☐ Hip/Knee Joint Replacement ☐ MRI/CT Scan ☐ Other: _____					
	Age Groups	☐ Children (0-11)	☐ Youth (12-17)	☒ Adult (18-64)	☒ Seniors (65+)		
	Other Topics	☐ Diabetes ☐ Morbidity ☐ Mortality ☐ Osteoporosis ☐ Paediatrics ☐ Patient Safety ☐ Prescription Drugs ☐ Trauma/Injuries ☐ Women's Health ☐ Other: _____					
Web URL	**Information:**	n/a		**Login:**	n/a		

Overview

Description	The Client Profile Database (CPRO) contains pseudonymous Long-Term Care Home (LTCH) application information that is captured at the client level. The data is broken into three main categories of information sets. 1. Client, 2. Choices, 3. Milestone (date) events through the LTCF Placement process. This database was created because of limitations with the dataset in the Occupancy Monitoring Database (OCCM), which could not provide very detailed reporting on demand. CPRO receives client level data once per month from every Community Care Access Centre (CCAC). This data is used to support bed utilization monitoring, performance management activities and LTC accountability planning.						
Info Holding Owner	Long-Term Care Planning & Renewal Branch (MOHLTC)						
MOHLTC Owns:	☐ Unrestricted Copy	☐ Restricted Copy	☐ Does not own a copy	☒ Not Applicable	**Copy Owner:**	n/a	
Target Audience	MOHLTC Long-Term Care Planning & Renewal Branch						
Data Sources	☒ Primary	☐ Secondary	**Sources:**	CCAC client management systems			
Population Groups							
Data Granularity	☐ Personal	☐ Anonymous	☒ Pseudonymous	☐ Aggregated	**Aggregation Levels:**	Data Granularity is Pseudonymous	

DATA TABLES

Table Name	Table Description	Primary Identifiers	Data Collection Location	Resident and/or Provider	Geographic Codes (Postal, LHIN...)	Data Availability	
Client application	Information about the client (basic age, sex, location identifiers) and their milestone events along the long-term care homes placement process	• Encrypted HIN • CCAC client tracking number	CCACs	Client	Forward sortation area, CCAC	Earliest Data: Latest Data: Update Freq.: Mandatory?	April 2003 One Month Arrears Monthly Yes

DATA TABLES

Table Name	Table Description	Primary Identifiers	Data Collection Location	Resident and/or Provider	Geographic Codes (Postal, LHIN...)	Data Availability
Client choices	Information about the choices clients have made for long-term care homes. Each choice a client makes is registered, and the milestone events recorded.	• Encrypted HIN • CCAC client tracking number	CCACs	Client	LTC Home	Earliest Data: April 2003 Latest Data: One Month Arrears Update Freq.: Monthly Mandatory? Yes

USAGE CONSTRAINTS

Privacy Constraints	Passed PIA; due to possible privacy concerns, no raw data is released without authorization.
Restricted Copy Rules	n/a
Derived Works Limitations	n/a

DATA ACCESS

Network Accessibility	☒ None ☐ Internet ☐ Intranet ☐ VPN ☐ SSHA Network ☐ Others _____
DSS Tools	LTCAP

SYSTEM REQUIREMENTS

Licensing	n/a
Software Requirements	n/a
User Platform	☐ Web browser ☐ Windows 2000/XP ☐ Mac OS 9 / X ☐ Unix ☐ Linux
Network Requirements	n/a

CONTACTS

Support/Questions	Support Organization	Title	Name	Phone #	E-Mail
	Long-Term Care Planning and Renewal Branch (MOHLTC)	Director	David Clarke	(416) 314-0402	David.Clarke@moh.gov.on.ca

ADDITIONAL NOTES

This project was undertaken because of a lack of more granular data in the OCCM. It uses data feeds developed by the Long-Term Care Redevelopment Project (LTCRP) to obtain raw extracts from each CCAC's Client Placement System. The data extracts are loaded into the Client Profile Database. Data is available from April 2003 onward and is usually 1 month in arrears.

Drug and Alcohol Registry of Treatment (DART)

Data Categories		☐ Clinical ☒ Demographics ☐ Financial ☐ Health HR ☐ Reference ☐ Surveys ☒ Other: Alcohol and drug treatment agencies and services			
Health Topics	**Services**	☐ Acute Care ☐ Community Care ☐ Complex Continuing Care ☐ Emergency Care ☐ Long-Term Care ☒ Mental Health/Addictions ☐ Palliative Care ☐ Primary Care ☐ Rehabilitation ☐ Other:			
	Wait Time Related	☐ Cancer Services ☐ Cardiac Services ☐ Cataract Surgery ☐ Hip/Knee Joint Replacement ☐ MRI/CT Scan ☒ Other: Alcohol and Drugs			
	Age Groups	☐ Children (0-11) ☒ Youth (12-17) ☒ Adult (18-64) ☒ Seniors (65+)			
	Other Topics	☐ Diabetes ☐ Morbidity ☐ Mortality ☐ Osteoporosis ☐ Paediatrics ☐ Patient Safety ☐ Prescription Drugs ☐ Trauma/Injuries ☐ Women's Health ☐ Other:			
Web URL	**Information:**	http://www.dart.on.ca	**Login:**	http://www.dart.on.ca Public site. No login for info site required to view information on treatment services	

Overview

Description	Drug and Alcohol Registry of Treatment (DART) is an information and referral database, used by operators of a toll-free, province-wide, treatment information and referral service, available to professional and public callers. It is designed to link callers with suitable treatment options tailored to their individual needs. DART is part of MOHLTC's plan to increase the efficiency of addiction treatment in Ontario. DART's role is to link professional callers with a range of suitable treatment options tailored to their individual clients. And also, to link members of the general public with local assessment and referral, withdrawal management, and other treatment resources for themselves or someone they know. DART provides data for provincial planning initiatives. Data are only available upon formal request submitted to DART and are not accessed from the DART site by the requestor. MOHLTC owns the data collected. DART produces the Directory of Drug and Alcohol Treatment Services in Ontario, which outlines all services available in a given geographic region according to the type of services provided. The directory is available from DART upon request. DART also provides a virtual directory of drug and alcohol treatment services on its website.				
Info Holding Owner	Mental Health and Addictions Branch (MOHLTC)				
MOHLTC Owns:	☐ Unrestricted Copy ☐ Restricted Copy ☐ Does not own a copy ☒ Not Applicable		**Copy Owner:**	MOHLTC owns the info holding but does not hold a copy. All data is held by DART.	
Target Audience	Mental Health and Addictions Branch – MOHLTC, Addiction Programs, MOHLTCs Regional Offices, Public				
Data Sources	☐ Primary ☒ Secondary	**Sources:**	Agencies providing alcohol and drug treatment services, DATIS, MOHLTC.		
Population Groups	100% of MOHLTC funded agencies				
Data Granularity	☐ Personal ☐ Anonymous ☐ Pseudonymous ☒ Aggregated	**Aggregation Levels:**	Extensive detail captured regarding treatment services and aggregated data regarding callers seeking assistance		

DATA TABLES

Table Name	Table Description	Primary Identifiers	Data Collection Location	Resident and/or Provider	Geographic Codes (Postal, LHIN...)	Data Availability
Various [standardized and customized tables]	Treatment agencies & services, location, addiction related services, capacity, service description, treatment availability, caller demographics, and demand for service.	N/A	N/A	Provider – 100% Resident when available	Facility, Municipality, County, Region, LHIN	Earliest Data: 1991 Latest Data: March 2005 Update Freq.: Ongoing Mandatory? Yes

USAGE CONSTRAINTS

Privacy Constraints	No individual personal identifying data are collected.
Restricted Copy Rules	Copyright posted on all information. Must seek permission from DART to use.
Derived Works Limitations	Limitations on information currency, data updating processes, data terminology and formatting consistency.

DATA ACCESS

Network Accessibility	☐ None ☒ Internet * ☐ Intranet ☐ VPN ☐ SSHA Network ☐Others: **NOTE:** Only predetermined information available through the virtual treatment directory on the website. Aggregate caller utilization data not available via the internet.
DSS Tools	Oracle Report Builder and other 3rd party tools permitted.

SYSTEM REQUIREMENTS

Licensing	Oracle site license
Software Requirements	Oracle software
User Platform	☐ Web browser ☒Windows 2000/XP ☐ Mac OS 9 / X ☐ Unix ☐ Linux
Network Requirements	

CONTACTS

Support/Questions	Support Organization	Title	Name	Phone #	E-Mail
DART data system oversight and management	Drug and Alcohol Registry of Treatment	Manager, Data & Information Services	Jan Wighton	(519) 439-0174	jwighton@dart.on.ca
Lead for DART file	Addiction Program, Mental Health & Addiction Branch	Sr. Addiction Program Analyst	Andrew I. Oakes	(416) 314-2626	Andrew.Oakes@moh.gov.on.ca

ADDITIONAL NOTES

Agencies must provide ongoing information and updates in accordance with funding agreements with the ministry. DART continuously updates and reflects changes in the substance abuse treatment system, as well as improves and updates software on an ongoing basis

Drug and Alcohol Treatment Information System (DATIS)

Data Categories		☒ Clinical	☒ Demographics	☐ Financial	☐ Health HR	☐ Reference	☐ Surveys
		☐ Other: _____					
Health Topics	**Services**	☐ Acute Care	☐ Community Care	☐ Complex Continuing Care			
		☐ Emergency Care	☐ Long-Term Care	☒ Mental Health/Addictions			
		☐ Palliative Care	☐ Primary Care	☐ Rehabilitation	☐ Other: _____		
	Wait Time Related	☐ Cancer Services		☐ Cardiac Services	☐ Cataract Surgery		
		☐ Hip/Knee Joint Replacement		☐ MRI/CT Scan	☐ Other: _____		
	Age Groups	☐ Children (0-11)	☒ Youth (12-17)	☒ Adult (18-64)	☒ Seniors (65+)		
	Other Topics	☐ Diabetes	☐ Morbidity	☐ Mortality	☐ Osteoporosis		
		☐ Paediatrics	☐ Patient Safety	☐ Prescription Drugs	☐ Trauma/Injuries		
		☐ Women's Health	☐ Other: _____				
Web URL	**Information:**	http://www.datis.ca			**Login:**		

Overview

Description	Drug and Alcohol Treatment Information System (DATIS) is a province-wide information system that tracks client demographic and service utilization data for problem gambling and addiction treatment agencies. The Centre for Addiction and Mental Health (CAMH) is contracted by MOHLTC to manage the DATIS system. Data provision is mandated by MOHLTC via a service agreement with the agencies that receive MOHLTC alcohol and drug or problem gambling treatment funding. Most participating agencies use Catalyst as their client information system to manage and monitor basic information about which they are serving, as well as the service delivery process within the agency. Demographic and problem characteristic data is combined with service utilization data to provide the basis for future outcome evaluations of problem gambling and addiction treatment.			
Info Holding Owner	Mental Health and Addictions Branch (MOHLTC)			
MOHLTC Owns:	☐ Unrestricted Copy ☐ Restricted Copy ☐ Does not own a copy ☒ Not Applicable		**Copy Owner:**	
Target Audience	Mental Health and Addictions Branch, Addiction Programs, Local Health Integration Networks, participating substance abuse and problem gambling treatment agencies			
Data Sources	☒ Primary ☐ Secondary	**Sources**	Approximately 150 agencies funded by MOHLTC, Mental Health & Addictions Branch, Addiction Unit	
Population Groups	The database aims to be a census of those receiving substance abuse and problem gambling treatment from agencies funded by MOHLTC, Mental Health and Addictions Branch, Addiction Program.			
Data Granularity	☒ Personal ☐ Anonymous ☐ Pseudonymous ☐ Aggregated		**Aggregation Levels:**	

DATA TABLES

Table Name	Table Description	Primary Identifiers	Data Collection Location	Resident and/or Provider	Geographic Codes (Postal, LHIN...)	Data Availability
Client Information	Date of birth, gender, Postal Code (FSA), City, County, Preferred language of service, Ethnicity	DATIS key	Participating agencies	Resident/ Service recipient	Postal Code (FSA only) LHIN code Municipality County Region	Earliest Data: 2000 Latest Data: 2005 Update Freq.: Quarterly Mandatory? Yes
Admission Information	Admission date, Referral date, Referral Source, Client type, Treatment mandated, Legal status, Young offender, Relationship status, Employment status, Education, Income source, Gambling problem, Gambling Treatment, Gambling activities in past 12 month, Problem gambling activities and locations, Presenting problem substances, Frequency of use, Methadone treatment, Vision problems, Hearing problems, Mobility problems, Pregnancy status, Overnight hospitalizations, Mental Health diagnosis, Mental health hospitalization, Mental health medications, Mental health counseling	DATIS key	Participating agencies	Resident/ Service recipient	Postal Code (FSA only) LHIN code Municipality County Region	Earliest Data: 2000 Latest Data: 2005 Update Freq.: Quarterly Mandatory? Yes
Program Information	Provincial Service Category, Program start date, Program end date, Reason for Termination, Direct service time, Indirect service time, Sessions, Length of service/stay	DATIS key	Participating agencies	Resident/ Service recipient	Postal Code (FSA only) LHIN code Municipality County Region	Earliest Data: 2000 Latest Data: 2005 Update Freq.: Quarterly Mandatory? Yes
Referral Information	Referral date, Referral service type	DATIS key	Participating agencies	Resident/ Service recipient	Postal Code (FSA only) LHIN code Municipality County Region	Earliest Data: 2000 Latest Data: 2005 Update Freq.: Quarterly Mandatory? Yes
Discharge Information	Discharge date, Reason for discharge	DATIS key	Participating agencies	Resident/ Service recipient	Postal Code (FSA only) LHIN code Municipality County Region	Earliest Data: 2000 Latest Data: 2005 Update Freq.: Quarterly Mandatory? Yes

USAGE CONSTRAINTS

Privacy Constraints	The system contains client level data, including personal health information. Each participating agency accesses only the records of that agency's clients.
Restricted Copy Rules	Database access restricted to selected DATIS staff. MOHLTC analysts can only access aggregate data with cell sizes greater than 5.
Derived Works Limitations	Analytical reports are prepared for MOHLTC and distribution decided by MOHLTC. Any publicly available reports can be downloaded from http://www.datis.ca

DATA ACCESS

Network Accessibility	☒ None ☐ Internet ☐ Intranet ☐ VPN ☐ SSHA Network ☐ Others:_____
DSS Tools	Oracle SQL, Crystal Report, Statistical software such as SPSS used for analysis

SYSTEM REQUIREMENTS

Licensing	Direct access to the database is restricted to DATIS staff.
Software Requirements	
User Platform	☐ Web browser ☐ Windows 2000/XP ☐ Mac OS 9 / X ☐ Unix ☐ Linux
Network Requirements	

CONTACTS

Support/Questions	Support Organization	Title	Name	Phone #	E-Mail
Director	DATIS, Centre for Addiction and Mental Health	Director	Larry Corea	(416) 535-8501 x 6829	Larry_Corea@camh.net
Database Administrator	DATIS, Centre for Addiction and Mental Health	Database Administrator	Vivian Shehadeh	(416) 535-8501 x 6966	Vivian_Shehadeh@camh.net

ADDITIONAL NOTES

Agencies are mandated to input information in accordance with the agency/MOHLTC funding agreement. Access is restricted to five people at the Centre for Addiction and Mental Health.

Participating agencies can only access information on their own clients. The agencies are not required to provide a unique patient identifier (e.g. name, address, health insurance number).

The service contract with the Ministry establishes the priority for DATIS to process and respond to data requests. The priority is MOHLTC, LHINs, participating agencies, Researchers, and Public requests.
Rules for access to micro-data by researchers still to be developed.

Homes for Special Care (HSC)

Data Categories		☐ Clinical ☐ Demographics ☐ Financial ☐ Health HR ☐ Reference ☐ Surveys ☒ Other: _____				
Health Topics	**Services**	☐ Acute Care ☐ Emergency Care ☐ Palliative Care	☒ Community Care ☐ Long-Term Care ☐ Primary Care	☐ Complex Continuing Care ☒ Mental Health/Addictions ☐ Rehabilitation	☐ Other: _____	
	Wait Time Related	☐ Cancer Services ☐ Hip/Knee Joint Replacement		☐ Cardiac Services ☐ MRI/CT Scan	☐ Cataract Surgery ☐ Other: _____	
	Age Groups	☐ Children (0-11)	☐ Youth (12-17)	☒ Adult (18-64)	☒Seniors (65+)	
	Other Topics	☐ Diabetes ☐ Paediatrics ☐ Women's Health	☐ Morbidity ☐ Patient Safety ☐ Other: _____	☐ Mortality ☐ Prescription Drugs	☐ Osteoporosis ☐ Trauma/Injuries	
Web URL	**Information:**			**Login:**		

Overview

Description	The Homes for Special Care (HSC) application supports the tasks required to issue annual licenses to operators of Homes for Special Care. Each home licensed by the Ministry of Health and Long-Term Care is inspected annually by the local Public Health Office, the Fire Marshall's Office, and the Homes for Special Care Community Support Worker. The HSC program was established in 1964 and provides long term accommodation and assistance with the activities of daily living for individuals with serious mental illness discharged from the provincial psychiatric hospitals and public hospitals that received the divested provincial psychiatric hospitals			
Info Holding Owner	Mental Health and Addictions Branch (MOHLTC)			
MOHLTC Owns:	☐ Unrestricted Copy ☐ Restricted Copy ☐ Does not own a copy ☒ Not Applicable		**Copy Owner:**	
Target Audience	Mental Health and Addictions Branch, MOHLTC – Regional Offices, Financial Information Management (FIM)			
Data Sources	☒Primary ☐ Secondary	**Sources:**	Database is updated by regional office staff	
Population Groups				
Data Granularity	☐ Personal ☐ Anonymous ☐ Pseudonymous ☒ Aggregated	**Aggregation Levels:**	Number of beds	

DATA TABLES

Table Name	Table Description	Primary Identifiers	Data Collection Location	Resident and/or Provider	Geographic Codes (Postal, LHIN...)	Data Availability
License Data	All data is contained in one table with all the Licensing and Operator/Residence data	License, date of issue, bed capacity, licensing inspection, Residence/operator data	Regional Offices	Provider	Postal Code, County, Region	Earliest Data: Latest Data: 2004/05 Update Freq.: Annual Mandatory? Yes

USAGE CONSTRAINTS

Privacy Constraints	Addresses and contact information restricted to program area
Restricted Copy Rules	
Derived Works Limitations	

DATA ACCESS

Network Accessibility	☒ None ☐ Internet ☐ Intranet ☐ VPN ☐ SSHA Network ☐ Others:_____
DSS Tools	

SYSTEM REQUIREMENTS

Licensing	
Software Requirements	Microsoft Office
User Platform	☐ Web browser ☒ Windows 2000/XP ☐ Mac OS 9 / X ☐ Unix ☐ Linux
Network Requirements	MOHLTCLAN

CONTACTS

Support/Questions	Support Organization	Title	Name	Phone #	E-Mail
	Homes for Special Care	Senior Housing Analyst	Glenna Smith	(416) 327-9330	Glenna.Smith@moh.gov.on.ca

ADDITIONAL NOTES

Interim Assessment

Data Categories		☐ Clinical ☐ Other: _____	☒ Demographics	☐ Financial	☐ Health HR	☐ Reference	☐ Surveys
Health Topics	**Services**	☐ Acute Care ☐ Emergency Care ☐ Palliative Care	☒ Community Care ☒ Long-Term Care ☐ Primary Care	☐ Complex Continuing Care ☐ Mental Health/Addictions ☐ Rehabilitation	☐ Other: _____		
	Wait Time Related	☐ Cancer Services ☐ Hip/Knee Joint Replacement		☐ Cardiac Services ☐ MRI/CT Scan	☐ Cataract Surgery ☐ Other: _____		
	Age Groups	☐ Children (0-11)	☐ Youth (12-17)	☒ Adult (18-64)	☒ Seniors (65+)		
	Other Topics	☐ Diabetes ☐ Paediatrics ☐ Women's Health	☐ Morbidity ☐ Patient Safety ☐ Other: _____	☐ Mortality ☐ Prescription Drugs	☐ Osteoporosis ☐ Trauma/Injuries		
Web URL	**Information:**	n/a		**Login:**	n/a		

Overview

Description

The Interim Assessment Software automates parts of the assessment process for individuals who have indicated an interest in seeking Long-Term Care Facility (LTCF) placement and for those clients receiving community services of the CCAC's and who are identified using MIS recipient code categories for Long-stay, Maintenance and possibly Rehabilitation (the consistency of use of the software for these last 3 groupings may vary from CCAC to CCAC). These assessments include the following:

- Conducting assessments in the community, with the RAI-HC instrument
- Calculating RAI-HC (RAI-Home Care) outputs (CAPs and MAPLe Reports)
- Storing and printing client records at the Community Care Access Centres (CCAC)
- Creating scrubbed assessment files
- Transferring the assessment and scrubbed assessment file to the CCAC local server for storage and printing

As the new RAI software is released, the data repository at the Wellington-Dufferin CCAC becomes less complete. It is undecided who will be the owner of the new data or how it is accessed.

Info Holding Owner	CCAC of Wellington-Dufferin		
MOHLTC Owns:	☐ Unrestricted Copy ☒ Restricted Copy ☐ Does not own a copy ☐ Not Applicable	**Copy Owner:**	Shelly Kapitan (HC-CAP project)
Target Audience	Long-Term Care Planning & Renewal Branch, InterRAI		
Data Sources	☒ Primary ☐ Secondary	**Sources:**	
Population Groups			
Data Granularity	☐ Personal ☒ Anonymous ☐ Pseudonymous ☐ Aggregated	**Aggregation Levels:**	

DATA TABLES

Table Name	Table Description	Primary Identifiers	Data Collection Location	Resident and/or Provider	Geographic Codes (Postal, LHIN...)	Data Availability
Individual Assessments	Clients who express a desire for LTCF placement or who are classified by a case manager as a MIS recipient code for Long Stay, Maintenance and some rehabilitation. Clients are clinically assessed using the RAI-HC tool.	Case Number	Home Care / CCAC, LTCF, Hospitals			Earliest Data: Latest Data: Jan 05 Update Freq.: Monthly Mandatory? yes

USAGE CONSTRAINTS

Privacy Constraints	The MOHLTC has a script to make the data unrecognizable.
Restricted Copy Rules	Users requiring the data need to make a request to Wellington-Dufferin CCAC. Once approved, the data will be given to C3 to prepare a CD format for the release of data.
Derived Works Limitations	Based on the request submitted.

DATA ACCESS

Network Accessibility	☒ None ☐ Internet ☐ Intranet ☐ VPN ☐ SSHA Network ☐ Others:_____
DSS Tools	

SYSTEM REQUIREMENTS

Licensing	
Software Requirements	
User Platform	☐ Web browser ☐ Windows 2000/XP ☐ Mac OS 9 / X ☐ Unix ☐ Linux
Network Requirements	

CONTACTS

Support/Questions	Support Organization	Title	Name	Phone #	E-Mail
	CCAC of Wellington-Dufferin		Glynis Williams	(519) 823-2550 x2249	Glynis.Williams@wd.ccac-ont.ca

ADDITIONAL NOTES

Currently, data is stored only in the individual assessment files in a database on the CCAC provincial Central Servers at C3. Release of the data is completed upon submission of a release form to the CCAC of Wellington-Dufferin.

Levels of Care Classification System (LOC)

Data Categories		☒ Clinical	☒ Demographics	☐ Financial	☐ Health HR	☐ Reference	☐ Surveys
		☐ Other: _____					
Health Topics	**Services**	☐ Acute Care	☐ Community Care	☐ Complex Continuing Care			
		☐ Emergency Care	☒ Long-Term Care	☐ Mental Health/Addictions			
		☐ Palliative Care	☐ Primary Care	☐ Rehabilitation	☐ Other: _____		
	Wait Time Related	☐ Cancer Services		☐ Cardiac Services	☐ Cataract Surgery		
		☐ Hip/Knee Joint Replacement		☐ MRI/CT Scan	☐ Other: _____		
	Age Groups	☐ Children (0-11)	☐ Youth (12-17)	☒ Adult (18-64)	☒ Seniors (65+)		
	Other Topics	☐ Diabetes	☐ Morbidity	☐ Mortality	☐ Osteoporosis		
		☐ Paediatrics	☐ Patient Safety	☐ Prescription Drugs	☐ Trauma/Injuries		
		☐ Women's Health	☐ Other: _____				
Web URL	**Information:**	n/a			**Login:**	n/a	

Overview

Description	The Levels of Care (LOC) Classification System holds information from the annual assessment of Ontario Long-Term Care Homes (LTCH) residents' level of care requirements, in which residents are classified according to their nursing and personal care requirements and general profile, health status, activities of daily living, behaviours of daily living, and continuing care level by facility. Approximately 150 Registered Nurses (RNs) and Registered Practical Nurses (RPNs) are hired and trained as classifiers to conduct the reviews each year between September and November. Information is collected via a standard template which is completed by the nurse performing the assessment on site. Inter-rater reliability testing is conducted every two weeks during the review period to ensure a reliability of 90%. An audit of the classification is conducted each February. Information is stored in a MS-Access database. The LOC Classification System is an operational support tool. This information is used to calculate the funding level for each facility (e.g. Case Mix Measure (CMM) and Case Mix Index (CMI)), for the nursing and personal care envelope.
Info Holding Owner	Long-Term Care Homes Branch (MOHLTC)
MOHLTC Owns:	☐ Unrestricted Copy ☐ Restricted Copy ☐ Does not own a copy ☒ Not Applicable **Copy Owner:** n/a
Target Audience	MOHLTC LTC Homes Branch, FIM, Regional Offices (7)
Data Sources	☒ Primary ☐ Secondary **Sources:** LTC Homes Resident Records
Population Groups	All residents (~72,000) of LTC homes – Nursing Homes, Municipal Homes for the Aged, Charitable Homes for the Aged (~ 600)
Data Granularity	☒ Personal ☐ Anonymous ☐ Pseudonymous ☐ Aggregated **Aggregation Levels:** n/a

DATA TABLES

Table Name	Table Description	Primary Identifiers	Data Collection Location	Resident and/or Provider	Geographic Codes (Postal, LHIN...)	Data Availability	
Levels of Care Classification Data	Detailed resident classification data ranging from personal, medical, nursing info, to demographic info.	Resident Classification Form #000001 to 999999	Long-Term Care Homes in all of Ontario	Resident	All postal codes in Ontario	Earliest Data: Latest Data: Update Freq.: Mandatory?	1998 2004 annual yes-legislated

USAGE CONSTRAINTS

Privacy Constraints	Internally, read-only access is granted to a very limited number of policy, planning and financial staff. Reports drawn from the data are provided to the public, subject to PHIPPA. Individual home information that does not identify residents is provided to the home in which the residents live. Health Card numbers are not provided in any reports produced from the data.
Restricted Copy Rules	
Derived Works Limitations	

DATA ACCESS

Network Accessibility	☒ None ☐ Internet ☐ Intranet ☐ VPN ☐ SSHA Network ☐ Others:_____
DSS Tools	Crystal, Microsoft Excel, Access

SYSTEM REQUIREMENTS

Licensing	
Software Requirements	Microsoft applications
User Platform	☐ Web browser ☒ Windows 2000/XP ☐ Mac OS 9 / X ☐ Unix ☐ Linux
Network Requirements	File Server

CONTACTS

Support/Questions	Support Organization	Title	Name	Phone #	E-Mail
	MOHLTC - LTCHB	Program Manager	Sue Guinard	(416) 326-8210	Sue.Guinard@moh.gov.on.ca

ADDITIONAL NOTES

This information holding is relatively up-to-date. However, updates annual. MS-Excel is a tool associated with this information holding.

Long-Term Care Planning and Renewal Branch Management Information System (MIS)

Data Categories		☐ Clinical ☐ Demographics ☐ Financial ☐ Health HR ☐ Reference ☐ Surveys ☒ Other: Project Management Information Tracking for Long-Term Homes Under Development				
Health Topics	**Services**	☐ Acute Care ☐ Community Care ☐ Complex Continuing Care ☐ Emergency Care ☒ Long-Term Care ☐ Mental Health/Addictions ☐ Palliative Care ☐ Primary Care ☐ Rehabilitation ☐ Other: _____				
	Wait Time Related	☐ Cancer Services ☐ Cardiac Services ☐ Cataract Surgery ☐ Hip/Knee Joint Replacement ☐ MRI/CT Scan ☐ Other: _____				
	Age Groups	☐ Children (0-11) ☐ Youth (12-17) ☐ Adult (18-64) ☒ Seniors (65+)				
	Other Topics	☐ Diabetes ☐ Morbidity ☐ Mortality ☐ Osteoporosis ☐ Paediatrics ☐ Patient Safety ☐ Prescription Drugs ☐ Trauma/Injuries ☐ Women's Health ☐ Other: _____				
Web URL	**Information:**	N/A		**Login:**		

Overview

Description	This information system was developed to assist in the management of information relating to the status of the 20,000 new Long-Term Care Home (LTCH) bed awards and the redevelopment, retrofit or upgrade of up to 16,000 "D" beds. The system also tracks Awarded-Unopened beds and Direct Minister Awards. The information in the MIS includes: facility/owner contact information, project milestones for each phase of development and open note fields for project specific information.			
Info Holding Owner	MOHLTC, Community Health Division, Long-Term Care Planning & Renewal Branch			
MOHLTC Owns:	☐ Unrestricted Copy ☐ Restricted Copy ☐ Does not own a copy		**Copy Owner:**	
Target Audience	Long-Term Care Planning & Renewal Branch			
Data Sources	☒ Primary ☐ Secondary	**Sources:**		
Population Groups	MIS include information on all 20,000 new bed awards and 16,000 "D" bed projects (about 40%-50% of long-term care homes in Ontario).			
Data Granularity	☐ Personal ☐ Anonymous ☐ Aggregated		**Aggregation Levels:**	N/A (unit of information is long-term care homes)

DATA TABLES

Table Name	Table Description	Primary Identifiers	Data Collection Location	Resident and/or Provider	Geographic Codes (Postal, LHIN...)	Data Availability
Facility	This table contains information on the facility. i.e. Facility Name, Owner, Facility Type, Home#, Master#	FacilityID (Integer)	Regions, CCAC	Provider	NIL	Earliest Data: Real Time Latest Data: Real Time Update Freq.: Real Time Mandatory? Yes
Address	This table contains address information for Facilities, Organizations, Contact Persons etc.	ContactType OrgType OrgID	Regions, CCAC, Facility	Provider	Postal Code, City, CCAC, DHC, CD, Service Area, Riding	Earliest Data: Real Time Latest Data: Real Time Update Freq.: Real Time Mandatory? Yes
Projects	This table contains information regarding Projects within the facility i.e. RFP Project 98, RFP Project 99, etc.	ProjectID (Integer)	LTCPRB	Provider	NIL	Earliest Data: Real Time Latest Data: Real Time Update Freq.: Real Time Mandatory? Yes
Contacts	This table contains information regarding Projects and Facility Contacts.	ContactID (Integer)	LTCPRB	Provider	NIL	Earliest Data: Real Time Latest Data: Real Time Update Freq.: Real Time Mandatory? Yes
FEC	This table contains the Final Estimated Cost (FEC) and Final Statement of Disbursement (FSD) information for all facilities that redevelop, retrofit or upgrade.	FacilityID	Facility	Provider	NIL	Earliest Data: Real Time Latest Data: Real Time Update Freq.: Real Time Mandatory? Yes
Project Steps	This table tracks the construction life cycle of the facility construction process, including forecasted, planned and actual dates.	FacilityID StepID	LTCPRB	Provider	NIL	Earliest Data: Real Time Latest Data: Real Time Update Freq.: Real Time Mandatory? Yes
Beds Ledger	This table contains the transaction of beds i.e. transfer from one facility to another, returns etc.	TransactionID	LTCPRB	Provider	NIL	Earliest Data: Real Time Latest Data: Real Time Update Freq.: Real Time Mandatory? Yes
Owner	This table contains information on the owners of the facility.	OwnerID	LTCPRB	Provider	NIL	Earliest Data: Real Time Latest Data: Real Time Update Freq.: Real Time Mandatory? Yes

USAGE CONSTRAINTS

Privacy Constraints	Requests for information from the MIS should be reviewed for confidential and/or proprietary information on a case by case basis.
Restricted Copy Rules	N/A
Derived Works Limitations	Linked to privacy constraints and will vary depending on level of data aggregation.

DATA ACCESS

Network Accessibility	☐ None ☐ Internet ☐ Intranet ☐ VPN ☐ SSHA Network ☒ Others: LTCPRB network drive
DSS Tools	Crystal Reports

SYSTEM REQUIREMENTS

Licensing	Crystal
Software Requirements	Crystal
User Platform	☐ Web browser ☒ Windows 2000/XP ☐ Mac OS 9 / X ☐ Unix ☐ Linux
Network Requirements	Connection to LTCPRB network drive

CONTACTS

Support/Questions	Support Organization	Name	Phone #	E-Mail
* No dedicated DBA to the LTPRB MIS System.	Long-Term Care Planning and Renewal Brach	David Clarke, Director, Long-Term Care Planning and Renewal Branch	(416) 314-0402	David.Clarke@moh.gov.on.ca

ADDITIONAL NOTES

The system was developed by the Long-Term Care Redevelopment Project (LTCRP) and expanded internally strictly to meet the needs of the LTCPRB (formerly the LTCRP). It contains some standard reports that were used by the LTCRP management. A tool that is associated with this system is Form Viewer.

The MIS system is for internal use only. The OCCM database draws information on facility opening dates.

Midwifery Management Information System (MMIS)

Data Categories		☒ Clinical ☒ Demographics ☒ Financial ☒ Health HR ☐ Reference ☐ Surveys ☐ Other: _____					
Health Topics	**Services**	☐ Acute Care ☐ Emergency Care ☐ Palliative Care	☒ Community Care ☐ Long-Term Care ☒ Primary Care	☐ Complex Continuing Care ☐ Mental Health/Addictions ☐ Rehabilitation	☒ Other: Maternity Services		
	Wait Time Related	☐ Cancer Services ☐ Hip/Knee Joint Replacement		☐ Cardiac Services ☐ MRI/CT Scan	☐ Cataract Surgery ☐ Other: _____		
	Age Groups	☐ Children (0-11)	☐ Youth (12-17)	☒Adult (18-64)	☐ Seniors (65+)		
	Other Topics	☐ Diabetes ☒ Paediatrics ☒ Women's Health	☐ Morbidity ☐ Patient Safety ☐ Other: _____	☐ Mortality ☐ Prescription Drugs	☐ Osteoporosis ☐ Trauma/Injuries		
Web URL	**Information:**	NA			**Login:**		

Overview

Description	The Midwifery Management Information System is currently UNDER DEVELOPMENT. It will assist midwives with reporting requirements and improve midwifery data for research and accountability. The system will include three components: an electronic data collection operational and system for midwives, a provincial database that will warehouse and enable monitoring and evaluation of midwifery services on an ongoing basis, and an external reporting process for service providers, stakeholder organizations and the public to access information reports on services provided. This MIS will integrate data from a number of existing databases into one platform.			
Info Holding Owner	Ontario Midwifery Program, Community Health Division (MOHLTC)			
MOHLTC Owns:	☐ Unrestricted Copy ☐ Restricted Copy ☐ Does not own a copy ☒ Not Applicable		**Copy Owner:**	
Target Audience	Community Health Unit, Health Care Programs			
Data Sources	☒ Primary ☐ Secondary	**Sources**:	Midwifery Practice Groups and Transfer Payment Agencies	
Population Groups	Women of childbearing age/Newborns			
Data Granularity	☐ Personal ☒ Anonymous ☐ Pseudonymous ☐ Aggregated	**Aggregation Levels:**	Anonymised client record level aggregation, practice group, transfer payment agency, LHIN, region, province	

DATA TABLES

Table Name	Table Description	Primary Identifiers	Data Collection Location	Resident and/or Provider	Geographic Codes (Postal, LHIN...)	Data Availability
	Perinatal indicators, utilization data, financial reporting data, provincial and local level reporting on clinical outcomes	Client Postal Code Client birthdate Baby birthdate Provider numbers	Midwifery Practice Groups midwives	Data is attached to both provider and client	Postal codes aggregated at lowest level in municipalities	Earliest Data: April 12003 Latest Data: Current Update Freq.: Monthly Mandatory? Yes

USAGE CONSTRAINTS

Privacy Constraints	No personally identifying information
Restricted Copy Rules	No restrictions
Derived Works Limitations	Unknown at this time

DATA ACCESS– Reporting under development

Network Accessibility	☒ None ☐ Internet ☐ Intranet ☐ VPN ☐ SSHA Network ☐ Others:_____
DSS Tools	

SYSTEM REQUIREMENTS- Under development

Licensing	
Software Requirements	
User Platform	☐ Web browser ☐ Windows 2000/XP ☐ Mac OS 9 / X ☐ Unix ☐ Linux
Network Requirements	

CONTACTS

Support/Questions	Support Organization	Title	Name	Phone #	E-Mail
	Ontario Midwifery Program	Coordinator	Wendy Katherine	(416) 327 7061	Wendy.Katherine@moh.gov.on.ca

ADDITIONAL NOTES

This system is under development at this time. Data access and system requirements are still under development

OCCM (Occupancy Monitoring Database)

Data Categories		☐ Clinical ☐ Demographics ☐ Financial ☐ Health HR ☐ Reference ☐ Surveys ☒ Other: Supply and Utilization for Long-Term Care Homes					
Health Topics	**Services**	☐ Acute Care ☐ Community Care ☐ Complex Continuing Care ☐ Emergency Care ☒ Long-Term Care ☐ Mental Health/Addictions ☐ Palliative Care ☐ Primary Care ☐ Rehabilitation ☒ Other: Long-Term Care Homes					
	Wait Time Related	☐ Cancer Services ☐ Cardiac Services ☐ Cataract Surgery ☐ Hip/Knee Joint Replacement ☐ MRI/CT Scan ☐ Other: _____					
	Age Groups	☐ Children (0-11) ☐ Youth (12-17) ☒ Adult (18-64) ☒ Seniors (65+)					
	Other Topics	☐ Diabetes ☐ Morbidity ☐ Mortality ☐ Osteoporosis ☐ Paediatrics ☐ Patient Safety ☐ Prescription Drugs ☐ Trauma/Injuries ☐ Women's Health ☐ Other: _____					
Web URL	**Information:**	n/a			**Login:**	n/a	

Overview

Description	The Occupancy Monitoring Database (OCCM) was developed by the Long-Term Care Redevelopment Project (LTCRP) and provides a comprehensive source of data for the Long Term Care sector. The OCCM contains supply information, vacancies, and population data. The OCCM is used for tracking the supply of beds and vacancies in long-term care homes for monthly reporting. The purpose of this database is to provide current information on LTC Bed Supply and Demand for management staff within the MOHLTC.						
Info Holding Owner	Long-Term Care Planning & Renewal Branch (MOHLTC)						
MOHLTC Owns:	☐ Unrestricted Copy ☐ Restricted Copy ☐ Does not own a copy ☒ Not Applicable				**Copy Owner:**	n/a	
Target Audience							
Data Sources	☐ Primary ☒ Secondary		**Sources:**	Supply and Vacancy Information - CCAC's, LTC Homes. Census Information: Ministry of Finance			
Population Groups							
Data Granularity	☐ Personal ☐ Anonymous ☐ Pseudonymous ☒ Aggregated				**Aggregation Levels:**	By Long-Term Care Home or CCAC	

DATA TABLES

Table Name	Table Description	Primary Identifiers	Data Collection Location	Resident and/or Provider	Geographic Codes (Postal, LHIN...)	Data Availability
Vacancies	Facility level vacancies are reported by Type and Class by the CCAC.	LTCH number	CCAC		CCAC	Earliest Data: Sept 2002 Latest Data: One Month Arrears Update Freq.: Monthly Mandatory? Yes

DATA TABLES

Table Name	Table Description	Primary Identifiers	Data Collection Location	Resident and/or Provider	Geographic Codes (Postal, LHIN...)	Data Availability
Supply	Facility level information is available by Type or Class. A transaction registry has been created so that history and projections of Supply are possible.	LTCH number	CCAC		CCAC	Earliest Data: Sept 2002 Latest Data: One Month Arrears Update Freq.: Monthly Mandatory? Yes

USAGE CONSTRAINTS

Privacy Constraints	None identified
Restricted Copy Rules	None identified
Derived Works Limitations	None identified

DATA ACCESS

Network Accessibility	☒ None ☐ Internet ☐ Intranet ☐ VPN ☐ SSHA Network ☐ Others:_____
DSS Tools	

SYSTEM REQUIREMENTS

Licensing	Not Applicable
Software Requirements	Not Applicable
User Platform	☐ Web browser ☐ Windows 2000/XP ☐ Mac OS 9 / X ☐ Unix ☐ Linux
Network Requirements	Not Applicable

CONTACTS

Support/Questions	Support Organization	Title	Name	Phone #	E-Mail
	Long-Term Care Planning and Renewal Brach	Director	David Clarke	(416) 314-0402	David.Clarke@moh.gov.on.ca

ADDITIONAL NOTES

Data Elements include: Bed Numbers, Bed Type, Bed Class, Bed Group Comment field content, Open Date (of beds), Close Date (of beds), Address Information (e.g. Street Address, City/Town, Postal Code, and Facility Comment field). Initially, supply Information was gathered from a variety of MOH systems, including FMIS, Facility Funding, and LTCRP MIS. Changes and/or additional supply information is supplied by the CCAC's or individual LTCF. Demand Data was originally sourced from existing PCS Reports which were 'scrubbed' prior to loading and reporting. Vacancy data is received directly from CCAC's in a raw format. Supply Data was originally sourced from a number of different systems but has been heavily modified and 'scrubbed' so it can be considered the definitive source for structurally defined LTCH Bed Supply in the Province. Regular updates are received from a number of sources. Statistics Canada data is 1996+ (e.g. mini census update applied to the data) and was received from the Ministry of Finance (MOF). Community Services Division information was 'scrubbed' due to inconsistencies with data provided by MOF and may include small differences from source.

Ontario Home Care Administration System (OHCAS)

Data Categories		☒ Clinical ☒ Demographics ☐ Financial ☐ Health HR ☐ Reference ☐ Surveys ☐ Other: _____					
Health Topics	**Services**	☐ Acute Care ☒ Community Care ☐ Complex Continuing Care ☐ Emergency Care ☐ Long-Term Care ☐ Mental Health/Addictions ☐ Palliative Care ☐ Primary Care ☐ Rehabilitation ☐ Other: _____					
	Wait Time Related	☐ Cancer Services ☐ Cardiac Services ☐ Cataract Surgery ☐ Hip/Knee Joint Replacement ☐ MRI/CT Scan ☐ Other: _____					
	Age Groups	☒ Children (0-11) ☒ Youth (12-17) ☒ Adult (18-64) ☒ Seniors (65+)					
	Other Topics	☐ Diabetes ☐ Morbidity ☐ Mortality ☐ Osteoporosis ☐ Paediatrics ☐ Patient Safety ☐ Prescription Drugs ☐ Trauma/Injuries ☐ Women's Health ☐ Other: _____					
Web URL	**Information:**			**Login:**			

Overview

Description	The Ontario Home Care Administration System (OHCAS) was developed in 1978 to provide consistent and timely information on clients referred to the Home Care Program and on services coordinated by the Program. OHCAS records demographic, diagnostic and treatment information about clients of the Ontario Home Care Program. This system also records information on all services provided and provider agencies. Information is transferred to OHCAS on a weekly basis by each Community Care Access Centre (CCAC), through electronic file transfer from their local systems.
Info Holding Owner	Home Care and Community Support Branch (MOHLTC)
MOHLTC Owns:	☐ Unrestricted Copy ☐ Restricted Copy ☐ Does not own a copy ☒ Not Applicable **Copy Owner:** HSC Regional Operations
Target Audience	Home Care and Community Support Branch, HIU, FIM, MOHLTC Regional Offices
Data Sources	☒ Primary ☐ Secondary **Sources:** CCAC's - Registration Master File (RMF) & Service Advice File (SAF)
Population Groups	Captures information and homecare clients across indicated age group (see above).
Data Granularity	☒ Personal ☐ Anonymous ☐ Pseudonymous ☐ Aggregated **Aggregation Levels:**

DATA TABLES

Table Name	Table Description	Primary Identifiers	Data Collection Location	Resident and/or Provider	Geographic Codes (Postal, LHIN...)	Data Availability
RMF file Service Advice File	Refer to additional notes referenced below	Encrypted Health Number	Home Care/CCAC	Both	Postal code	Earliest Data: Apr 1991 Latest Data: FY 2002/03 Update Freq.: Mandatory?

USAGE CONSTRAINTS

Privacy Constraints	Health Numbers are encrypted.
Restricted Copy Rules	There is one centrally administered database file. Agreement for its use beyond MOHLTC is governed by MOHLTC master data warehouse agreement.
Derived Works Limitations	

DATA ACCESS

Network Accessibility	☒ None ☐ Internet ☐ Intranet ☐ VPN ☐ SSHA Network ☐ Others:_____
DSS Tools	SAS, BI Query, BI Analyze

SYSTEM REQUIREMENTS

Licensing	Data is available through MOHLTC data warehouse or approved ad-hoc data requests.
Software Requirements	Cobol
User Platform	☐ Web browser ☐ Windows 2000/XP ☐ Mac OS 9 / X ☐ Unix ☐ Linux
Network Requirements	

CONTACTS

Support/Questions	Support Organization	Title	Name	Phone #	E-Mail
Application Programmer	HSC Regional Operations Support	Consultant	Cheryl Bostock	(416) 327-7704	Cheryl.Bostock@moh.gov.on.ca

ADDITIONAL NOTES

Information held by the system:

- **Client Information**: Date of Birth, Health Number, Sex, County of Residence, Municipality of Residence, & District Health Council
- **Application and Assessment**: Application Date, Assessment Date, Attending Physician Number, Referring Physician Number, Diagnosis, Home Care Condition, Patient Subsidy, Prior Site Master Number, Home Care Program Number, Home Care Program Type, Referral Source, Surgical Procedure
- **Admission**: Admission Status, Admission Date, Reason for Not Being Admitted, Planned Discharge Date, Support Services, Goal of Home Care Treatment, Type of Treatment Site
- **Discharge:** Discharge Date, Discharge Disposition, Discharge Status
- **Services and Activities:** Service Dates, Type of Service, Type of Activity

Master Files: OHCAS contains two master files, the Registration Master File (RMF) which records client information at the time of application, admission, and discharge from home care and the Service Advice Master File which records services received by home care clients. The RMF generates a record (case) for each application to a Community Care Access Centres (CCAC) which includes the application date, the home care program, and the client's health care number. If the applicant is admitted to the program, values for a number of other attributes (variables), such as admission date, date of birth, gender, and diagnoses, are entered into the record. This record remains active until the client is discharged from the CCAC. If a previously discharged client reapplies to a CCAC, a new RMF record is generated. Thus, the RMF consists

of (1) cases that applied for but were not admitted to a CCAC, (2) cases that applied, were admitted, and were discharged from a CCAC, and (3) cases who applied, were admitted but have not yet been discharged from a CCAC.

Associated with RMF records are records from the Service Advice File (SAF) which document the home care services (e.g. nursing, physiotherapy) that a client receives. A SAF record is generated each time a service is provided and documents the date of service, the type of service provided, and the activities carried out under that service. Thus, if one registered case receives many different services or the same service on many occasions, the RMF record will have many SAF records associated with it. For clients who apply but are not admitted to a CCAC, there will be only one SAF record associated with the RMF. The PHPDB has files from April 1991 to 1997. They are considering updating their database with the current data set.

Availability of the Data: To help standardize and simplify analysis of home care data, CEHIP formed a data working group of District Health Council representatives to examine the OHCAS data. This working group has developed a standard working data file and a data dictionary (OHCAS Summary Data File) from the RMF and SAF.

Data Quality Notes: Services provided by CCAC's and the definitions they use can vary across the province. Therefore, it is important for users of OHCAS data to consult with, and become familiar with the practices of, the CCAC's they are studying. Findings from analyses of OHCAS data should be interpreted with caution. Users have reported a number of issues with the data. These include the following:

- SAF records exist for which there is no matching RMF record, and vice versa. This is most likely due to data entry errors when entering the SAF or RMF.
- Client diagnosis may not be valid in some cases, especially when the client's length of stay with home care (discharge date minus admission date) is very long (e.g. 830 days). In such instances, the client's admission to home care may have been associated with their diagnosis but the client now may be receiving services for another condition.

Other Limitations: The last complete data set is from 2002/2003. Historically there has been a 15-20% data rejection rate. However, since 1997/1998, one CCAC has discontinued annual correction of the rejected data. This has resulted in an incomplete data set for subsequent information.

Ontario Problem Gambling Helpline (OPGH)

Data Categories		☐ Clinical ☒ Demographics ☐ Financial ☐ Health HR ☐ Reference ☐ Surveys ☒ Other: - Gambling treatment agencies and services				
Health Topics	**Services**	☐ Acute Care ☐ Community Care ☐ Complex Continuing Care ☐ Emergency Care ☐ Long-Term Care ☒ Mental Health/Addictions ☐ Palliative Care ☐ Primary Care ☐ Rehabilitation ☐ Other: _____				
	Wait Time Related	☐ Cancer Services ☐ Cardiac Services ☐ Cataract Surgery ☐ Hip/Knee Joint Replacement ☐ MRI/CT Scan ☒ Other: Problem Gambling – starts Sept 2005				
	Age Groups	☐ Children (0-11) ☒ Youth (12-17) ☒ Adult (18-64) ☒ Seniors (65+)				
	Other Topics	☐ Diabetes ☐ Morbidity ☐ Mortality ☐ Osteoporosis ☐ Pediatrics ☐ Patient Safety ☐ Prescription Drugs ☐ Trauma/Injuries ☐ Women's Health ☐ Other_____				
Web URL	**Information:**	http://www.opgh.on.ca		**Login:**	n/a	

Overview

Description	The Ontario Problem Gambling Helpline (OPGH) system contains information on referral services for health providers and general public. It provides information on utilization of the helpline, types of problem gambling treatment services, and availability of services. Aggregate caller utilization data is available upon formal request submitted to OPGH and is not accessed from the OPGH site by a requestor. OPGH provides the data directly to the requestor. MOHLTC owns the data collected. The Ontario Problem Gambling Helpline maintains detailed information on treatment services. It includes languages served, satellite offices and admission procedures. The OPGH produces the Directory of Problem Gambling Treatment Services in Ontario. The directory is available from the OPGH upon request. The OPGH also provides a virtual directory of problem gambling treatment services on its website.				
Info Holding Owner	Mental Health and Addictions Branch (MOHLTC)				
MOHLTC Owns:	☐ Unrestricted Copy ☐ Restricted Copy ☐ Does not own a copy ☒ Not Applicable			**Copy Owner:**	MOHLTC owns the info holding, but it does not hold a copy. All data is held by OPGH.
Target Audience	Mental Health and Addictions Branch – MOHLTC, Problem Gambling Treatment Services, MOHLTC Regional Offices, Public, LHINs				
Data Sources	☐ Primary ☒ Secondary	**Sources**:	Agencies providing problem gambling treatment services, DATIS, MOHLTC.		
Population Groups	100% of MOHLTC funded services				
Data Granularity	☐ Personal ☐ Anonymous ☐ Pseudonymous ☒ Aggregated			**Aggregation Levels:**	Extensive detail captured regarding treatment services and aggregated data regarding callers seeking assistance.

DATA TABLES

Table Name	Table Description	Primary Identifiers	Data Collection Location	Resident and/or Provider	Geographic Codes (Postal, LHIN...)	Data Availability
Various [standardized and customized tables]	Treatment agencies & services, location, addiction related services, capacity, service description, treatment availability, caller demographics, and demand for service.	N/A	N/A	Provider – 100% Resident when available	Facility, Municipality, County, Region, LHIN	Earliest Data: 1997 Latest Data: March 2005 Update Freq.: Ongoing Mandatory? Yes

USAGE CONSTRAINTS

Privacy Constraints	No individual personal identifying data are collected.
Restricted Copy Rules	Copyright posted on all information. Must seek permission from OPGH to use.
Derived Works Limitations	

DATA ACCESS

Network Accessibility	☐ None ☒ Internet * ☐ Intranet ☐ VPN ☐ SSHA Network ☐ Others
DSS Tools	ORACLE Report Builder and other 3rd party tools permitted.

SYSTEM REQUIREMENTS

Licensing	Oracle site license
Software Requirements	Oracle software
User Platform	☐ Web browser ☒ Windows 2000/XP ☐ Mac OS 9 / X ☐ Unix ☐ Linux
Network Requirements	

CONTACTS

Support/Questions	Support Organization	Title	Name	Phone #	E-Mail
OPGH data system oversight and management	Drug and Alcohol Registry of Treatment	Manager, Data & Information Services	Jan Wighton	(519) 439-0174	jwighton@dart.on.ca
Lead for OPGH file	Addiction Program, Mental Health & Addiction Branch	Sr. Addiction Program Analyst	Andrew I. Oakes	(416) 314-2626	Andrew.Oakes@moh.gov.on.ca

ADDITIONAL NOTES

Agencies must provide updates of current information to OPGH, which is in accordance with their funding agreements with the ministry.

* **NOTE**: Only predetermined information available through the virtual treatment directory on the OPGH website. Aggregate caller utilization data not available via the internet.

TDM (Trend Data Management)

Data Categories		☐ Clinical ☒ Demographics ☐ Financial ☐ Health HR ☐ Reference ☐ Surveys ☒ Other: Utilization, Supply, and Demand for LTC Homes				
Health Topics	**Services**	☐ Acute Care ☐ Community Care ☐ Complex Continuing Care ☐ Emergency Care ☒ Long-Term Care ☐ Mental Health/Addictions ☐ Palliative Care ☐ Primary Care ☐ Rehabilitation ☒ Other: Long-Term Care Homes				
	Wait Time Related	☐ Cancer Services ☐ Cardiac Services ☐ Cataract Surgery ☐ Hip/Knee Joint Replacement ☐ MRI/CT Scan ☐ Other: _____				
	Age Groups	☐ Children (0-11) ☐ Youth (12-17) ☒ Adult (18-64) ☒ Seniors (65+)				
	Other Topics	☐ Diabetes ☐ Morbidity ☐ Mortality ☐ Osteoporosis ☐ Paediatrics ☐ Patient Safety ☐ Prescription Drugs ☐ Trauma/Injuries ☐ Women's Health ☐ Other: _____				
Web URL	**Information:**	n/a		**Login:**	n/a	

Overview

Description	The Trend Data Management System (TDM) stores aggregated data from other LTC home databases containing information about the supply and demand for long-term care homes. It provides a common source for LTC home Management Reporting. The primary uses of the Trend Data Management System are: bed utilization monitoring, performance management and accountability reporting. The Utilization Atlas and the LTCAP are currently the only applications to use this as a primary source of data.				
Info Holding Owner	Long-Term Care Planning & Renewal Branch (MOHLTC)				
MOHLTC Owns:	☐ Unrestricted Copy ☐ Restricted Copy ☐ Does not own a copy ☒ Not Applicable			**Copy Owner:**	n/a
Target Audience	Long-Term Care Planning & Renewal Branch				
Data Sources	☐ Primary ☒ Secondary		**Sources**	CPRO, OCCM, MOF	
Population Groups					
Data Granularity	☐ Personal ☐ Anonymous ☐ Pseudonymous ☒ Aggregated		**Aggregation Levels:**	CCAC, LTCH	

DATA TABLES

Table Name	Table Description	Primary Identifiers	Data Collection Location	Resident and/or Provider	Geographic Codes (Postal, LHIN...)	Data Availability	
Supply and Demand for LTCH services	Aggregation of key measures from OCCM and CPRO reflecting time trends in supply and demand for long-term care homes.	LTCH number, CCAC	Other databases		CCAC, LTCH number	Earliest Data: Latest Data: Update Freq.: Mandatory?	Sept 2002 One Month Arrears Monthly YES

DATA TABLES

Table Name	Table Description	Primary Identifiers	Data Collection Location	Resident and/or Provider	Geographic Codes (Postal, LHiN...)	Data Availability
Demographics	Selected information from the Ministry of Finance concerning both the size and socio-economic status of the various areas of the province.	CSD, CD	MOF		CSD, CD	Earliest Data: 1996 Census Latest Data: Same Update Freq.: Per census Mandatory? _____

USAGE CONSTRAINTS

Privacy Constraints	None identified
Restricted Copy Rules	N/A
Derived Works Limitations	N/A

DATA ACCESS

Network Accessibility	☐ None ☐ Internet ☒ Intranet ☐ VPN ☐ SSHA Network ☐ Others: _____
DSS Tools	LTCAP, Utilization Atlas

SYSTEM REQUIREMENTS

Licensing	N/A
Software Requirements	N/A
User Platform	☐ Web browser ☐ Windows 2000/XP ☐ Mac OS 9 / X ☐ Unix ☐ Linux
Network Requirements	N/A

CONTACTS

Support/Questions	Support Organization	Title	Name	Phone #	E-Mail
	Long-Term Care Planning and Renewal Branch (MOHLTC)	Director	David Clarke	(416) 314-0402	David.Clarke@moh.gov.on.ca

ADDITIONAL NOTES

This data warehouse provides relevant measures of the LTCH system in Ontario to a wide audience.

Information Holdings: Provincial Electronic Child Health Network

Health Information Network (HiNet)

Data Categories		☒ Clinical	☐ Demographics	☐ Financial	☐ Health HR	☐ Reference	☐ Surveys
		☐ Other: _____					
Health Topics	**Services**	☒ Acute Care	☐ Community Care	☐ Complex Continuing Care			
		☐ Emergency Care	☐ Long-Term Care	☐ Mental Health/Addictions			
		☐ Palliative Care	☐ Primary Care	☐ Rehabilitation	☒ Other: Paediatric_____		
	Wait Time Related	☐ Cancer Services		☐ Cardiac Services	☐ Cataract Surgery		
		☐ Hip/Knee Joint Replacement		☐ MRI/CT Scan	☐ Other: _____		
	Age Groups	☒ Children (0-11)	☒ Youth (12-17)	☐ Adult (18-64)	☐ Seniors (65+)		
	Other Topics	☐ Diabetes	☐ Morbidity	☐ Mortality	☐ Osteoporosis		
		☒Paediatrics	☐ Patient Safety	☐ Prescription Drugs	☐ Trauma/Injuries		
		☐ Women's Health	☐ Other: _____				
Web URL	**Information:**	http://www.echn.ca			**Login:**		

Overview

Description

HiNet is a secure system in which a child's medical records are available electronically to health care providers when and where they are required. This information includes laboratory results, doctor's notes, x rays, medication reports, and personal information such as age, address and phone number. HiNet uses the latest security technology and all information remains private within eCHN.

HiNet is available only to pre-authorized healthcare providers. Patient participation is voluntary and written parental consent may be required.

Although the decision not to participate will not affect the care delivered to any child, there are substantial benefits to having a child's health data on the network. These include faster access to patient records, more complete information available to health care providers and a reduction in duplicate x-rays and diagnostic tests.

Clinical records from patients who have given consent have been stored on HiNet since July 1, 1999. Health care professionals affiliated with our member institutions have had operational access to patient information on HiNet data since October 31, 2000. Current users of HiNet are listed as Members on the eCHN Home Page. HiNet continues to grow and Hospitals or Paediatricians interested in joining the Health Information Network should contact us by telephone or e-mail as listed below.

Info Holding Owner	Electronic Child Health Network						
MOHLTC Owns:	☐ Unrestricted Copy	☐ Restricted Copy	☒ Does not own a copy	☐ Not Applicable	**Copy Owner:**		
Target Audience	Physicians, paediatricians, nurses, and professional services staff providing care to paediatric patients (<19 yrs of age)						
Data Sources	☒ Primary	☐ Secondary	**Sources**:	Hospital Information Systems			
Population Groups	Paediatrics						
Data Granularity	☒ Personal	☐ Anonymous	☐ Pseudonymous	☐ Aggregated	**Aggregation Levels:**		

DATA TABLES

Table Name	Table Description	Primary Identifiers	Data Collection Location	Resident and/or Provider	Geographic Codes (Postal, LHIN...)	Data Availability
ADT LAB DI e-Reports	Patient demographics Laboratory reports and results Diagnostic imaging reports and images Electronic reports (e.g., health records, consult notes, operative notes, etc.)	Hospital MRN; Patient's last name, first name, DOB, Sex, OHIP #	HiNet collects all data from the primary (hospital) information system			Earliest Data: July 1, 1999 Latest Data: _____ Update Freq.: Ongoing (real time) Mandatory? Optional
e-MAR	Medicine Administration Report	Hospital MRN; Patient's last name, first name, DOB, Sex, OHIP #	HiNet collects all data from the primary (hospital) information system			Earliest Data: July 1, 1999 Latest Data: _____ Update Freq.: Ongoing (real time) Mandatory? Optional

USAGE CONSTRAINTS

Privacy Constraints	Access to a given patient's health record is restricted to health care providers within the "circle of care" providing healthcare to that patient
Restricted Copy Rules	
Derived Works Limitations	

DATA ACCESS

Network Accessibility	☐ None ☐ Internet ☐ Intranet ☒ VPN ☒ SSHA Network ☐ Others:_____
DSS Tools	

SYSTEM REQUIREMENTS

Licensing	
Software Requirements	Java Applet
User Platform	☐ Web browser ☒ Windows 2000/XP ☐ Mac OS 9 / X ☐ Unix ☐ Linux
Network Requirements	

CONTACTS

Support/Questions	Support Organization	Title	Name	Phone #	E-Mail
	Electronic Child Health Network (eCHN)	Chief Executive Officer	Andrew Szende	(416) 813-8664	Amdrew.szende@echn.ca

ADDITIONAL NOTES

Information Holdings: Provincial

Finance and Information Management Branch (MOHLTC)

9

Common Data Set-Mental Health (CDS-MH)

Data Categories		☒ Clinical ☒ Demographics ☐ Financial ☐ Health HR ☐ Reference ☐ Surveys ☒ Other: Administrative					
Health Topics	**Services**	☐ Acute Care ☐ Community Care ☐ Complex Continuing Care ☐ Emergency Care ☐ Long-Term Care ☒ Mental Health/Addictions ☐ Palliative Care ☐ Primary Care ☐ Rehabilitation ☐ Other: _____					
	Wait Time Related	☐ Cancer Services ☐ Cardiac Services ☐ Cataract Surgery ☐ Hip/Knee Joint Replacement ☐ MRI/CT Scan ☐ Other: _____					
	Age Groups	☒ Children (0-11) ☒ Youth (12-17) ☒ Adult (18-64) ☒ Seniors (65+)					
	Other Topics	☐ Diabetes ☐ Morbidity ☐ Mortality ☐ Osteoporosis ☐ Paediatrics ☐ Patient Safety ☐ Prescription Drugs ☐ Trauma/Injuries ☐ Women's Health ☐ Other: _____					
Web URL	**Information:**	n/a			**Login:**	n/a	

Overview

Description	The Common Data Set-Mental Health (CDS-MH) provides the foundation for administrative and clinical data collection standard for community mental health reporting to the Ministry of Health and Long Term Care (MOHLTC). It focuses on basic demographic data with some outcome related elements. It links to financial and statistical reporting standards (Management Information System - MIS Guidelines) through the use of functions consistent in their definition across both reporting standards. MOHLTC's collection of CDS-MH will be limited to annual submissions of data at an aggregate level only. The CDS-MH is intended to provide a foundation for data collection in the mental health sector. The CDS-MH will include elements for some outcome measures. The CDS-MH will focus on elements required to meet MOHLTC accountability needs. These elements may not completely address assessment and care planning data requirements of the service provider. The data applies to the community and hospital (general, specialty and provincial psychiatric hospital) sites sponsored by community mental health programs.						
Info Holding Owner	Finance and Information Management Branch (MOHLTC)						
MOHLTC Owns:	☐ Unrestricted Copy ☐ Restricted Copy ☐ Does not own a copy ☒ Not Applicable				**Copy Owner:**	n/a	
Target Audience	MOHLTC: Mental Health Rehabilitation and Reform Branch, IPP; Mental Health and Addictions Branch, Regional Offices, FIM;						
Data Sources	☒ Primary ☐ Secondary		**Sources**:				
Population Groups	Community Mental Health Clients. Phased implementation due for completion in 2005/06.						
Data Granularity	☐ Personal ☐ Anonymous ☐ Pseudonymous ☒ Aggregated				**Aggregation Levels:**	functional Level	

DATA TABLES

Table Name	Table Description	Primary Identifiers	Data Collection Location	Resident and/or Provider	Geographic Codes (Postal, LHIN...)	Data Availability	
Community Mental Health	Community Mental Health agencies- Functional level aggregate data including client characteristics (demographics), administrative and clinical data.	Facility Number Program Number	Community Mental Health Agencies	Provider	Region/Service organization	Earliest Data: Latest Data: Update Freq.: Mandatory?	FY03/04 FY0405 (as of Jul. 05) Annual For certain services; Completion in 05/06

USAGE CONSTRAINTS

Privacy Constraints	MOHLTC's collection of CDS-MH data will be limited to an aggregate level. Therefore, it will not allow for the inclusion of all elements required for service recipient classification and funding.
Restricted Copy Rules	
Derived Works Limitations	

DATA ACCESS

Network Accessibility	☐ None	☐ Internet	☐ Intranet	☐ VPN	☐ SSHA Network	☒ Others: - FIM Regional Offices
DSS Tools						

SYSTEM REQUIREMENTS

Licensing					
Software Requirements					
User Platform	☐ Web browser	☒ Windows 2000/XP	☐ Mac OS 9 / X	☐ Unix	☐ Linux
Network Requirements					

CONTACTS

Support/Questions	Support Organization	Title	Name	Phone #	E-Mail
General content/questions	Finance & Information Management Branch	Information Mgmt. Coordinator	Dara Laxer	(416) 327-7625	Dara.laxer@moh.gov.on.ca
Project Mgmt/Content	Finance & Information Management Branch	Information Mgmt. Analyst	Agnita Pal	(416) 327-1996	Agnita.Pal@moh.gov.on.ca
Technical Support	Finance & Information Management Branch	Information Mgmt. Analyst	Winston Loui	(416) 327-8282	Winston.Loui@moh.gov.on.ca

ADDITIONAL NOTES

Phase one reporting has been successfully completed. Reporting applies to community and hospital sponsored community mental health programs; community mental health programs sponsored by specialty psychiatric and provincial psychiatric hospitals; and hospital global-budget funded Assertive Community Treatment (ACT) Teams.

Community Care Access Centres Budget Database (CCAC Budget DB)

Data Categories		☐ Clinical ☒ Other: Statistical	☐ Demographics	☒ Financial	☐ Health HR	☐ Reference	☐ Surveys
Health Topics	**Services**	☐ Acute Care ☐ Emergency Care ☐ Palliative Care	☒ Community Care ☐ Long-Term Care ☐ Primary Care	☐ Complex Continuing Care ☐ Mental Health/Addictions ☐ Rehabilitation	☐ Other: _____		
	Wait Time Related	☐ Cancer Services ☐ Hip/Knee Joint Replacement		☐ Cardiac Services ☐ MRI/CT Scan	☐ Cataract Surgery ☐ Other: _____		
	Age Groups	☒ Children (0-11)	☒ Youth (12-17)	☒ Adult (18-64)	☒ Seniors (65+)		
	Other Topics	☐ Diabetes ☐ Paediatrics ☐ Women's Health	☐ Morbidity ☐ Patient Safety ☐ Other: _____	☐ Mortality ☐ Prescription Drugs	☐ Osteoporosis ☐ Trauma/Injuries		
Web URL	**Information:**			**Login:**			

Overview

Description	The Community Access Centres Budget Database (CCAC Budget DB) captures CCAC's approved budgets for the fiscal years 2003-2004 and 2004-2005 (MIS financial and statistical reporting).				
Info Holding Owner	Finance & Information Management Branch (MOHLTC)				
MOHLTC Owns:	☐ Unrestricted Copy	☐ Restricted Copy	☐ Does not own a copy	☒ Not Applicable	**Copy Owner:**
Target Audience	Home Care and Community Support Branch, FIM				
Data Sources	☐ Primary	☐ Secondary	**Sources:**	CCAC's	
Population Groups					
Data Granularity	☐ Personal	☐ Anonymous	☐ Pseudonymous	☒ Aggregated	**Aggregation Levels:**

DATA TABLES

Table Name	Table Description	Primary Identifiers	Data Collection Location	Resident and/or Provider	Geographic Codes (Postal, LHIN...)	Data Availability
CCAC Budget	CCAC's MIS functional level financial and statistical budget data	Facility Number	CCAC's	Provider	Regions	Earliest Data: 2003/04 Latest Data: 2004/05 Update Freq.: Annual Mandatory? Yes

USAGE CONSTRAINTS

Privacy Constraints	
Restricted Copy Rules	
Derived Works Limitations	

DATA ACCESS

Network Accessibility	☐ None ☐ Internet ☒ Intranet ☐ VPN ☐ SSHA Network ☐ Others:_____
DSS Tools	

SYSTEM REQUIREMENTS

Licensing	
Software Requirements	
User Platform	☒ Web browser ☒ Windows 2000/XP ☐ Mac OS 9 / X ☐ Unix ☐ Linux
Network Requirements	

CONTACTS

Support/Questions	Support Organization	Title	Name	Phone #	E-Mail
	Finance and Information Management Branch	Provincial MIS Coordinator	Sandra Chase	(416) 327-7767	Sandra.Chase@moh.gov.on.ca

ADDITIONAL NOTES

Community Mental Health Programs Budgets and Inventory (CMHPBI)

Data Categories		☐ Clinical ☐ Demographics ☒ Financial ☐ Health HR ☐ Reference ☐ Surveys ☒ Other: Document Management				
Health Topics	**Services**	☐ Acute Care ☐ Community Care ☐ Complex Continuing Care ☐ Emergency Care ☐ Long-Term Care ☒ Mental Health/Addictions ☐ Palliative Care ☐ Primary Care ☐ Rehabilitation ☐ Other: _____				
	Wait Time Related	☐ Cancer Services ☐ Cardiac Services ☐ Cataract Surgery ☐ Hip/Knee Joint Replacement ☐ MRI/CT Scan ☐ Other: _____				
	Age Groups	☐ Children (0-11) ☐ Youth (12-17) ☐ Adult (18-64) ☐ Seniors (65+)				
	Other Topics	☐ Diabetes ☐ Morbidity ☐ Mortality ☐ Osteoporosis ☐ Paediatrics ☐ Patient Safety ☐ Prescription Drugs ☐ Trauma/Injuries ☐ Women's Health ☐ Other: _____				
Web URL	**Information:**		**Login:**			

Overview

Description	The Community Mental Health Programs Budgets and Inventory (CMHPBI) system manages the Operating Plan processes for the transfer payments for community mental health programs. The CMHPBI supports the Operating Plan's objectives of quantifying its fiscal, human resources, program and services initiatives for local, district and regional health needs. This includes budgetary constraints, mental health reform and restructuring initiatives, together with district and regional program system design, delivery initiatives and program strategic directions. It also audits and monitors related program correspondence.				
Info Holding Owner	Regional Offices, Finance & Information Management Branch (MOHLTC)				
MOHLTC Owns:	☐ Unrestricted Copy ☐ Restricted Copy ☐ Does not own a copy ☒ Not Applicable	**Copy Owner:**			
Target Audience	Mental Health and Addictions Branch, Regional Offices, FIM				
Data Sources	☒ Primary ☐ Secondary	**Sources:**			
Population Groups					
Data Granularity	☐ Personal ☐ Anonymous ☐ Pseudonymous ☐ Aggregated	**Aggregation Levels:**			

DATA TABLES

Table Name	Table Description	Primary Identifiers	Data Collection Location	Resident and/or Provider	Geographic Codes (Postal, LHIN...)	Data Availability
	Inventory of Community Mental Health Programs	Contact Names	Regional Offices	Resident Institutional	Addresses	Earliest Data: FY 96/97 Latest Data: FY 04/05 Update Freq.: Annually Mandatory? Yes

DATA TABLES

Table Name	Table Description	Primary Identifiers	Data Collection Location	Resident and/or Provider	Geographic Codes (Postal, LHIN...)	Data Availability
	Community Mental Health Budgets	Contact Names	Regional Offices	Resident Institutional	Addresses	Earliest Data: FY 96/97 Latest Data: FY 04/05 Update Freq.: Annually Mandatory? Yes

USAGE CONSTRAINTS

Privacy Constraints	
Restricted Copy Rules	
Derived Works Limitations	

DATA ACCESS

Network Accessibility	☐ None ☐ Internet ☐ Intranet ☐ VPN ☐ SSHA Network ☐ Others: _____
DSS Tools	Microsoft Access

SYSTEM REQUIREMENTS

Licensing	
Software Requirements	Microsoft Access, Windows
User Platform	☐ Web browser ☒ Windows 2000/XP ☐ Mac OS 9 / X ☐ Unix ☐ Linux
Network Requirements	

CONTACTS

Support/Questions	Support Organization	Title	Name	Phone #	E-Mail
General Questions	Finance and Information Management Branch	Mental Health Finance Coordinator	Greg Kong	(416) 212-6364	Greg.Kong@moh.gov.on.ca
Support and Questions	Regional Offices	Senior Financial Analysts	Various		

ADDITIONAL NOTES

Community Services System (CSS)

Data Categories		☐ Clinical ☐ Other: _____	☐ Demographics	☒ Financial	☐ Health HR	☐ Reference	☐ Surveys
Health Topics	**Services**	☐ Acute Care ☐ Emergency Care ☐ Palliative Care	☒ Community Care ☒ Long-Term Care ☐ Primary Care	☐ Complex Continuing Care ☐ Mental Health/Addictions ☐ Rehabilitation	☐ Other: _____		
	Wait Time Related	☐ Cancer Services ☐ Hip/Knee Joint Replacement		☐ Cardiac Services ☐ MRI/CT Scan	☐ Cataract Surgery ☐ Other: _____		
	Age Groups	☒ Children (0-11)	☒ Youth (12-17)	☒ Adult (18-64)	☒ Seniors (65+)		
	Other Topics	☐ Diabetes ☐ Paediatrics ☐ Women's Health	☐ Morbidity ☐ Patient Safety ☐ Other: _____	☐ Mortality ☐ Prescription Drugs	☐ Osteoporosis ☐ Trauma/Injuries		
Web URL	**Information:**	n/a		**Login:**	n/a		

Overview

Description	The Community Services System (CSS) holds financial and statistical data (budget/actual) for long-term care (LTC) community programs. The CSS generates reports from individual agency data. At the start of each fiscal year, budget information is provided electronically by agencies to the Ministry of Health and Long-Term Care (MOHLTC). Actual financial data reports (expenditure and units of service) are input manually and are provided to MOHLTC in hard copy in the 2nd and 4th quarters of the year. CSS permits cross reference analysis of any data fields for further examination. CSS had three components: home care, community support services and children's treatment centres. Starting in 2003/04, only community support services continued to send in data to CSS.
Info Holding Owner	Finance & Information Management Branch (MOHLTC)
MOHLTC Owns:	☐ Unrestricted Copy ☐ Restricted Copy ☐ Does not own a copy ☒ Not Applicable **Copy Owner:**
Target Audience	Home Care and Community Support Branch, FIM, MOHLTC Regional Offices
Data Sources	☒ Primary ☐ Secondary **Sources**: Community Agencies providing services
Population Groups	
Data Granularity	☐ Personal ☐ Anonymous ☐ Pseudonymous ☒ Aggregated **Aggregation Levels:** Agency service sites

DATA TABLES

Table Name	Table Description	Primary Identifiers	Data Collection Location	Resident and/or Provider	Geographic Codes (Postal, LHIN...)	Data Availability
lsqlLTCDBform1Provider	Information on service providers	CSSID	Service providers	Provider	N/A	Earliest Data: 1995/96 Latest Data: 2004/05 Update Freq.: Quarterly Mandatory? Yes
lsqlServ_bud	Budget by service	CSSID, SRVCODE	Service providers	Provider	N/A	Earliest Data: 1995/96 Latest Data: 2004/05 Update Freq.: Quarterly Mandatory? Yes
lsqlUnitCost	Projected number of individuals and units served	CSSID, SRVCODE	Service providers	Provider	N/A	Earliest Data: 1995/96 Latest Data: 2004/05 Update Freq.: Quarterly Mandatory? Yes
lsqlrptform2_total2	Quarterly actual expenditure	CSSID, SRVCODE	Service providers	Provider	N/A	Earliest Data: 1995/96 Latest Data: 2004/05 Update Freq.: Quarterly Mandatory? Yes
lsqlAdmExp	Administrative expenditure	CSSID	Service providers	Provider	N/A	Earliest Data: 1995/96 Latest Data: 2004/05 Update Freq.: Quarterly Mandatory? Yes
lsqlStaffAdmin lsqlStaffClient	Total hours and FTEs for admin and client service staff	CSSID	Service providers	Provider	N/A	Earliest Data: 1995/96 Latest Data: 2004/05 Update Freq.: Quarterly Mandatory? Yes
lsqlEmpBenAdmin lsqlEmpBenClient	Benefits for admin and client service staff	CSSID	Service providers	Provider	N/A	Earliest Data: 1995/96 Latest Data: 2004/05 Update Freq.: Quarterly Mandatory? Yes
LsqlSuppliesClient lsqlSuppliesEquipment lsqlSuppliesMedical	Expenditure on supplies	CSSID	Service providers	Provider	N/A	Earliest Data: 1995/96 Latest Data: 2004/05 Update Freq.: Quarterly Mandatory? Yes
LsqlPurAdmin	Expenditure on purchased admin services	CSSID	Service providers	Provider	N/A	Earliest Data: 1995/96 Latest Data: 2004/05 Update Freq.: Quarterly Mandatory? Yes
lsqlConsumer	Expenditures on purchased consumer services	CSSID, SRVCODE	Service providers	Provider	N/A	Earliest Data: 1995/96 Latest Data: 2004/05 Update Freq.: Quarterly Mandatory? Yes

DATA TABLES

Table Name	Table Description	Primary Identifiers	Data Collection Location	Resident and/or Provider	Geographic Codes (Postal, LHIN...)	Data Availability
IsqlCenAdmin	Central agency charges	CSSID	Service providers	Provider	N/A	Earliest Data: 1995/96 Latest Data: 2004/05 Update Freq.: Quarterly Mandatory? Yes
IsqlORevenue	Other revenue	CSSID	Service providers	Provider	N/A	Earliest Data: 1995/96 Latest Data: 2004/05 Update Freq.: Quarterly Mandatory? Yes
IsqlOnetime IsqlOnetimeBase	One time expenditure	CSSID, SRVCODE	Service providers	Provider	N/A	Earliest Data: 1995/96 Latest Data: 2004/05 Update Freq.: Quarterly Mandatory? Yes
IsqlServ_Actuals	Actual expenditure by service	CSSID, SRVCODE	Service providers	Provider	N/A	Earliest Data: 1995/96 Latest Data: 2004/05 Update Freq.: Quarterly Mandatory? Yes
IsqlUnitCostActuals	Actual individuals and units served	CSSID, SRVCODE	Service providers	Provider	N/A	Earliest Data: 1995/96 Latest Data: 2004/05 Update Freq.: Quarterly Mandatory? Yes
IsqlAdminActuals	Actual admin expenditure	CSSID	Service providers	Provider	N/A	Earliest Data: 1995/96 Latest Data: 2004/05 Update Freq.: Quarterly Mandatory? Yes
IsqlVolunteers	# of volunteers and work hours	CSSID	Service providers	Provider	N/A	Earliest Data: 1995/96 Latest Data: 2004/05 Update Freq.: Quarterly Mandatory? Yes
IsqlNurseEnhancement	Expenditure and hours of nursing	CSSID	Service providers	Provider	N/A	Earliest Data: 1995/96 Latest Data: 2004/05 Update Freq.: Quarterly Mandatory? Yes
IsqlSchoolInit	Quarterly financial and statistic tracking for school initiatives	CSSID	Service providers	Provider	N/A	Earliest Data: 1995/96 Latest Data: 2004/05 Update Freq.: Quarterly Mandatory? Yes

USAGE CONSTRAINTS

Privacy Constraints	
Restricted Copy Rules	
Derived Works Limitations	

DATA ACCESS

Network Accessibility	☐ None ☐ Internet ☐ Intranet ☐ VPN ☐ SSHA Network ☒ Others: MOHLTC WAN/LAN
DSS Tools	BI tool set, SAS

SYSTEM REQUIREMENTS

Licensing	
Software Requirements	Microsoft Access
User Platform	☒ Web browser ☒ Windows 2000/XP ☐ Mac OS 9 / X ☐ Unix ☐ Linux
Network Requirements	

CONTACTS

Support/Questions	Support Organization	Title	Name	Phone #	E-Mail
Information/Reports	Finance and Information Management Branch, MOHLTC	Information Mgmt. Coordinator	Jason Lian	(416) 327-7055	Jason.Lian@moh.gov.on.ca
System Support	I&IT Cluster	Manager, ITU	Bruce Pack	(613) 536-7230 x7233	Bruce.Pack@moh.gov.on.ca

ADDITIONAL NOTES

This is an evolving application, with the system frequently updated. Tables included here are the main data tables used for 2002/03. Tables from other years may be different.

Community Treatment Orders Information Records (CTOIR)

Data Categories		☒ Clinical ☒ Demographics ☐ Financial ☐ Health HR ☐ Reference ☐ Surveys ☐ Other: _____					
Health Topics	**Services**	☐ Acute Care ☐ Community Care ☐ Complex Continuing Care ☐ Emergency Care ☐ Long-Term Care ☒ Mental Health/Addictions ☐ Palliative Care ☐ Primary Care ☐ Rehabilitation ☐ Other: _____					
	Wait Time Related	☐ Cancer Services ☐ Cardiac Services ☐ Cataract Surgery ☐ Hip/Knee Joint Replacement ☐ MRI/CT Scan ☐ Other: _____					
	Age Groups	☐ Children (0-11) ☐ Youth (12-17) ☐ Adult (18-64) ☐ Seniors (65+)					
	Other Topics	☐ Diabetes ☐ Morbidity ☐ Mortality ☐ Osteoporosis ☐ Paediatrics ☐ Patient Safety ☐ Prescription Drugs ☐ Trauma/Injuries ☐ Women's Health ☐ Other: _____					
Web URL	**Information:**			**Login:**			

Overview

Description	The Community Treatment Orders Information Records (CTOIR) database is an inventory of the Community Treatment Orders (CTOs) issued in Ontario. The database was implemented as a requirement of Brian's Law. Brian's Law (*Mental Health Legislative Reform*) was a legislative initiative, involving amendments to the *Mental Health Act* and the *Health Care Consent Act* which was proclaimed on December 1, 2000. Community Treatment Orders (CTOs) provide a legal mechanism for people with serious mental illness to receive treatment, support and supervision in the community. In partnership with the client and service providers, a comprehensive plan is developed that is less restrictive than hospitalization. This program is for people who experience recurrent hospitalizations, benefit from treatment and usually do not engage in out patient follow-up. Only physicians can initiate a community treatment order, which is limited to six months in duration. The CTO coordinator provides assistance with drafting the plan, ensuring Rights Advice and securing community services for the client. The CTO case manager is available for support, monitoring and developing linkages to community supports and agencies.
Info Holding Owner	Finance & Information Management Branch (MOHLTC)
MOHLTC Owns:	☐ Unrestricted Copy ☐ Restricted Copy ☐ Does not own a copy ☒ Not Applicable **Copy Owner:**
Target Audience	MOHLTC
Data Sources	☒ Primary ☐ Secondary **Sources:**
Population Groups	
Data Granularity	☐ Personal ☐ Anonymous ☐ Pseudonymous ☒ Aggregated **Aggregation Levels:**

DATA TABLES

Table Name	Table Description	Primary Identifiers	Data Collection Location	Resident and/or Provider	Geographic Codes (Postal, LHIN...)	Data Availability
No table-level information available at time of Data Guide publication.						Earliest Data: _____ Latest Data: _____ Update Freq.: _____ Mandatory? _____

USAGE CONSTRAINTS

Privacy Constraints	The database is used solely for the purpose of a 3-year review of Brian's Law.
Restricted Copy Rules	
Derived Works Limitations	Information from this database cannot be used for any other purpose than what is described under Privacy Constraints.

DATA ACCESS

Network Accessibility	☒ None ☐ Internet ☐ Intranet ☐ VPN ☐ SSHA Network ☐ Others:_____
DSS Tools	

SYSTEM REQUIREMENTS

Licensing	Microsoft Access
Software Requirements	
User Platform	☐ Web browser ☒ Windows 2000/XP ☐ Mac OS 9 / X ☐ Unix ☐ Linux
Network Requirements	

CONTACTS

Support/Questions	Support Organization	Title	Name	Phone #	E-Mail
	Finance and Information Management Branch	Senior Analyst	Javier Dixon	(416) 327-8827	Javier.Dixon@moh.gov.on.ca
	Mental Health Branch	Senior Analyst	Paul Secord	(416) 327-8831	Paul.Secord@moh.gov.on.ca

ADDITIONAL NOTES

Daily Census Summary (DCS)

Data Categories		☐ Clinical ☐ Demographics ☐ Financial ☐ Health HR ☐ Reference ☐ Surveys ☒ Other: Statistical Activity based information					
Health Topics	**Services**	☒ Acute Care ☐ Community Care ☒ Complex Continuing Care ☐ Emergency Care ☐ Long-Term Care ☐ Mental Health/Addictions ☐ Palliative Care ☐ Primary Care ☒ Rehabilitation ☐ Other: _____					
	Wait Time Related	☐ Cancer Services ☐ Cardiac Services ☐ Cataract Surgery ☐ Hip/Knee Joint Replacement ☐ MRI/CT Scan ☐ Other: _____					
	Age Groups	☐ Children (0-11) ☐ Youth (12-17) ☐ Adult (18-64) ☐ Seniors (65+)					
	Other Topics	☐ Diabetes ☐ Morbidity ☐ Mortality ☐ Osteoporosis ☐ Paediatrics ☐ Patient Safety ☐ Prescription Drugs ☐ Trauma/Injuries ☐ Women's Health ☐ Other: _____					
Web URL	**Information:**			**Login:**			

Overview

Description

The Daily Census Summary (DCS) is a database created by the MOHLTC using hospital monthly submissions on their Daily Bed Census. It is the most definitive source of information for patient volumes and related information. It includes the number of admissions and separations, average length of stay, occupancy rates, as well as the number of beds staffed and in operation.

The Daily Census Summary contains data from 1988 through the most recent completed fiscal year, and includes:

- Hospital/Facility Name
- Number of Hospital Beds by type
- Number of Admissions
- Number of Separations
- Number of Annual Newborn
- Admissions by Level of Care (acute, chronic, rehabilitation)
- Separations by Level of Care (acute, chronic, rehabilitation)
- Patient Days by Level of Care (acute, chronic, rehabilitation)
- Occupancy Rates by Level of Care (acute, chronic, rehabilitation)
- Average number of beds in operation
- Beds Staffed and in Operation

On a monthly basis, hospitals are required to submit daily bed information to the Ministry of Health and Long-Term Care (MOHLTC). This is the source for Patient Days (including Separations and Admissions), Average Length of Stay, Occupancy Rates, Beds (Staffed and in Operation and the Average Occupancy).

Info Holding Owner	Finance & Information Management Branch (MOHLTC)		
MOHLTC Owns:	☐ Unrestricted Copy ☐ Restricted Copy ☐ Does not own a copy ☒ Not Applicable	**Copy Owner:**	n/a
Target Audience	MOHLTC – FIM, Acute Services and Community Health Division, Canadian Institute for Health Information (CIHI), Hospitals, etc.		
Data Sources	☒ Primary ☐ Secondary	**Sources:**	Hospitals

Population Groups							
Data Granularity	☐ Personal	☐ Anonymous	☐ Pseudonymous	☒ Aggregated	**Aggregation Levels:**	Master number level	

DATA TABLES

Table Name	Table Description	Primary Identifiers	Data Collection Location	Resident and/or Provider	Geographic Codes (Postal, LHIN...)	Data Availability
		Master Number, Facility Number, Name, Location	Hospitals via electronic submissions			Earliest Data: 1988 Latest Data: 2003/2004_ Update Freq.: Daily Mandatory? Yes

USAGE CONSTRAINTS

Privacy Constraints	None
Restricted Copy Rules	Crown Copyright on Internet pages
Derived Works Limitations	

DATA ACCESS

Network Accessibility	☐ None	☒ Internet	☐ Intranet	☒ VPN	☐ SSHA Network	☐ Others:_____
DSS Tools						

SYSTEM REQUIREMENTS

Licensing	No				
Software Requirements	Microsoft Excel (template), Microsoft Access (database) and Microsoft Outlook (email submission)				
User Platform	☒ Web browser	☒ Windows 2000/XP	☐ Mac OS 9 / X	☐ Unix	☐ Linux
Network Requirements	Local Area Network through your Internet Service Provider				

CONTACTS

Support/Questions	Support Organization	Title	Name	Phone #	E-Mail
	FIM - Data Management Unit	Health Facilities Officer	Dosta Sopkic	(416) 327-7777	Dosta.Sopkic@moh.gov.on.ca
	FIM - Information & Analysis Unit	Information Mgmt. Coordinator	Michael Byrnes	(416) 327-7770	Michael.Byrnes@moh.gov.on.ca

ADDITIONAL NOTES

Facility Monitoring Information System (FMIS)

Data Categories		☐ Clinical ☐ Other: _____	☐ Demographics	☐ Financial	☒ Health HR	☐ Reference	☐ Surveys
Health Topics	**Services**	☐ Acute Care ☐ Emergency Care ☐ Palliative Care	☐ Community Care ☒ Long-Term Care ☐ Primary Care	☐ Complex Continuing Care ☐ Mental Health/Addictions ☐ Rehabilitation	☐ Other: _____		
	Wait Time Related	☐ Cancer Services ☐ Hip/Knee Joint Replacement		☐ Cardiac Services ☐ MRI/CT Scan	☐ Cataract Surgery ☐ Other: _____		
	Age Groups	☐ Children (0-11)	☐ Youth (12-17)	☒ Adult (18-64)	☒ Seniors (65+)		
	Other Topics	☐ Diabetes ☐ Paediatrics ☐ Women's Health	☐ Morbidity ☐ Patient Safety ☐ Other: _____	☐ Mortality ☐ Prescription Drugs	☐ Osteoporosis ☐ Trauma/Injuries		
Web URL	**Information:**	http://hlton2/hcp/hcpapp.htm		**Login:**	Tied to MOHLTC network log-on protocol.		

Overview

Description	The Facility Monitoring Information System (FMIS) contains information on long-term care facility (LTC) compliance management, enforcement and licensing information. It is used to track and maintain information for all LTC facilities, including Nursing Homes and Homes for the Aged in the province. FMIS is used to examine staff workload, compare LTC facility information and compliance issues. It also supports a contact list.			
Info Holding Owner	Finance & Information Management Branch (MOHLTC)			
MOHLTC Owns:	☐ Unrestricted Copy ☐ Restricted Copy ☐ Does not own a copy ☒ Not Applicable	**Copy Owner:**	n/a	
Target Audience	LTC Homes Branch and Regional Offices (shared responsibility), Finance & Information Management Branch			
Data Sources	☒ Primary ☐ Secondary	**Sources:**		
Population Groups	Seniors (65+) and adults (18-64)			
Data Granularity	☐ Personal ☐ Anonymous ☐ Pseudonymous ☒ Aggregated	**Aggregation Levels:**	Facility level	

DATA TABLES

Table Name	Table Description	Primary Identifiers	Data Collection Location	Resident and/or Provider	Geographic Codes (Postal, LHIN...)	Data Availability
Homes	Contains identifying information on facilities, such as name, address, MOHLTC region, provincial riding, municipality, as well as contact information for staff such as the Director, head Nurse, etc. and their phone number. It also contains bed information, such as total number and bed type (basic, private, semiprivate).	HomeNO HCPID (Facility Number, not the same as LTCID in Facility System)	MOHLTC – Finance & Information Management Branch	LTC facilities	MOHLTC region, Upper Tier Municipality (county/district), Political riding	Earliest Data: N/A. Latest Data: December 2004. Update Freq.: Monthly. Mandatory? Yes.

DATA TABLES

Table Name	Table Description	Primary Identifiers	Data Collection Location	Resident and/or Provider	Geographic Codes (Postal, LHIN...)	Data Availability
Coin_IntkComplaint	Contains confidential information on complaints against facilities, taken at the point of intake, along with identifying information, i.e., the person launching the complaint, the resident affected, etc. It also contains a brief text description of the complaint.	HomeNo (Facility number) CompNo (complaint number)	MOHLTC – Finance & Information Management Branch	Person with complaint	none	Earliest Data: N/A. Latest Data: December 2004. Update Freq.: As required. Mandatory? Yes.
Complaints	Similar fields to Coin_IntkComplaint above, but with identifying information about the assigned inspector, and current status information.	HomeNo (Facility number) CompNo (complaint number)	MOHLTC – Finance & Information Management Branch	Person with complaint, Inspector	none	Earliest Data: N/A. Latest Data: December 2004. Update Freq.: As required. Mandatory? Yes.
ActionPlan	Contains annual review information on facilities. Includes fields such as last review, date for upcoming review, action plan, etc.	HomeNo (Facility number, not the same as LTCID in Facility System)	MOHLTC – Finance & Information Management Branch	MOHLTC – Levels of Care	none	Earliest Data: N/A. Latest Data: December 2004. Update Freq.: Monthly. Mandatory? Yes
Outbreaks	Contains information on disease outbreaks in facilities (influenza, SARS), including facility identifier, whether residents and/ or staff are affected, type of outbreak, date, etc., and whether hospitalization was required.	HomeNo (Facility number, not the same as LTCID in Facility System)	MOHLTC – Finance & Information Management Branch	Facilities	Region	Earliest Data: N/A. Latest Data: December 2004. Update Freq.: Monthly. Mandatory? Yes
Occurrences	Contains information on occurrences such as violent disputes, assaults, etc. among residents.	HomeNo (Facility number, not the same as LTCID in Facility System)	MOHLTC – Finance & Information Management Branch	Facilities	Region	Earliest Data: N/A. Latest Data: December 2004. Update Freq.: Monthly. Mandatory? Yes
Inspections	Contains confidential information on inspectors of facilities, including information on any disciplinary measures, inspector's comments, and follow-up plans.	HomeNo (Facility number, not the same as LTCID in Facility System)	MOHLTC – Finance & Information Management Branch	Facilities	Region	Earliest Data: N/A. Latest Data: December 2004. Update Freq.: Monthly. Mandatory? Yes

DATA TABLES

Table Name	Table Description	Primary Identifiers	Data Collection Location	Resident and/or Provider	Geographic Codes (Postal, LHIN...)	Data Availability
Insp_Violatn	Contains similar information to Inspections, except that it pertains especially to code violations. Contains information on type of violation, severity, and facility condition.	HomeNo (Facility number, not the same as LTCID in Facility System)	MOHLTC – Finance & Information Management Branch	Facilities	Region	Earliest Data: N/A Latest Data: Dec 2004 Update Freq.: Monthly Mandatory? Yes

USAGE CONSTRAINTS

Privacy Constraints	Access is granted by Divisional management in MOHLTC I&IT Cluster.
Restricted Copy Rules	Access is usually read-only access unless otherwise negotiated with MOHLTC I&IT Cluster.
Derived Works Limitations	Typically data must be sufficiently aggregated to prevent identification of individual facilities. The Finance and Information Management Branch determines the limitations on requests.

DATA ACCESS

Network Accessibility	☐ None ☐ Internet ☒ Intranet ☐ VPN ☐ SSHA Network ☐ Others:_____
DSS Tools	

SYSTEM REQUIREMENTS

Licensing	As determined by MOHLTC I&IT Cluster
Software Requirements	Microsoft Access
User Platform	☐ Web browser ☒ Windows 2000/XP ☐ Mac OS 9 / X ☐ Unix ☐ Linux
Network Requirements	High speed Ethernet connection and network software, as well as log-on routines and other protocols as determined by MOHLTC HR I&IT Cluster.

CONTACTS

Support/Questions	Support Organization	Title	Name	Phone #	E-Mail
Information/Reports	Finance and Information Management Branch	Information Mgmt. Coordinator	Jason Lian	(416) 327-7055	Jason.Lian@moh.gov.on.ca
System Support	I&IT Cluster	Manager, ITU	Bruce Pack	(613) 536-7230 x7233	Bruce.Pack@moh.gov.on.ca

ADDITIONAL NOTES

Master Numbering System (MNS)

Data Categories		☐ Clinical ☐ Demographics ☐ Financial ☐ Health HR ☒ Reference ☐ Surveys ☒ Other: Hospital Directory					
Health Topics	**Services**	☒ Acute Care ☒ Community Care ☒ Complex Continuing Care ☒ Emergency Care ☒ Long-Term Care ☒ Mental Health/Addictions ☐ Palliative Care ☐ Primary Care ☒ Rehabilitation ☐ Other: _____					
	Wait Time Related	☐ Cancer Services ☐ Cardiac Services ☐ Cataract Surgery ☐ Hip/Knee Joint Replacement ☐ MRI/CT Scan ☐ Other: _____					
	Age Groups	☐ Children (0-11) ☐ Youth (12-17) ☐ Adult (18-64) ☐ Seniors (65+)					
	Other Topics	☐ Diabetes ☐ Morbidity ☐ Mortality ☐ Osteoporosis ☐ Paediatrics ☐ Patient Safety ☐ Prescription Drugs ☐ Trauma/Injuries ☐ Women's Health ☐ Other: _____					
Web URL	**Information:**	n/a		**Login:**	n/a		

Overview

Description	The Master Numbering System (MNS) maintains the master/institution numbers for all Ontario facilities (hospitals, long term care facilities, community health services, etc.). The MNS files are used directly by many of the Ministry of Health and Long-Term Care's (MOHLTC) systems in the production of reports/listings in different sequences and for the publishing of an annual Code Book. The MNS was designed to merge all Health Facilities and Programs into one system for identification. The list is comprised of health and health related units, facilities, clinics, programs and services. Each organization has been assigned a unique four digit identifying code.
Info Holding Owner	Finance and Information Management Branch (MOHLTC)
MOHLTC Owns:	☐ Unrestricted Copy ☐ Restricted Copy ☐ Does not own a copy ☒ Not Applicable **Copy Owner:**
Target Audience	Various Ministry Program Areas/Systems, Hospitals and other health related organizations.
Data Sources	☐ Primary ☒ Secondary **Sources:**
Population Groups	
Data Granularity	☐ Personal ☐ Anonymous ☐ Pseudonymous ☐ Aggregated **Aggregation Levels:**

DATA TABLES

Table Name	Table Description	Primary Identifiers	Data Collection Location	Resident and/or Provider	Geographic Codes (Postal, LHIN...)	Data Availability
Institution Number	Master Numbers are assigned sequentially for new health and health-related organizations by the Data Management Unit of the FIM Branch. All procedures for updating (adding/changing) the Master Number File. It is performed on an on-going basis whenever the user is notified of changes by ministry branches/institutions.	Type, Facility Number, Location, Legal Name	Hospitals, Regions, other health-related facilities		Region, DHC, Resident Code, Location (City)	Earliest Data: 1976 Latest Data: 2004/2005 Update Freq.: as needed Mandatory? Yes

DATA TABLES

Table Name	Table Description	Primary Identifiers	Data Collection Location	Resident and/or Provider	Geographic Codes (Postal, LHIN...)	Data Availability
Institution Name	Legal Document of Letters Patent	Master Number	Same as above			Earliest Data: 1976 Latest Data: 2004/2005 Update Freq.: as needed Mandatory? Yes
Institution Type	(e.g. acute care treatment hospital with psychiatric unit, general rehabilitation hospital and units of hospital, nursing home, etc.), Bed size Group, Alpha Group, Peer Group, Open Date, Closed Date, RF Code, Facility Number.					Earliest Data: Latest Data: Update Freq.: Mandatory?
Facility Key	Residence Code, Location, Name, Master Number, Administration Code					Earliest Data: Latest Data: Update Freq.: Mandatory?
Region, County, Municipality, District Health Council, Public Health Unit	Region, DHC					Earliest Data: Latest Data: Update Freq.: Mandatory?

USAGE CONSTRAINTS

Privacy Constraints	
Restricted Copy Rules	
Derived Works Limitations	

DATA ACCESS

Network Accessibility	☐ None	☒ Internet	☐ Intranet	☐ VPN	☐ SSHA Network	☒ Others: Main Frame
DSS Tools	Workstation					

SYSTEM REQUIREMENTS

Licensing					
Software Requirements					
User Platform	☐ Web browser	☒ Windows 2000/XP	☐ Mac OS 9 / X	☐ Unix	☐ Linux
Network Requirements					

CONTACTS

Support/Questions	Support Organization	Title	Name	Phone #	E-Mail
	Data Management Unit	Health Facilities Officer	Dosta Sopkic	(416) 327-7777	Dosta.Sopkic@moh.gov.on.ca

ADDITIONAL NOTES

This information holding is maintained by FIM. It contains approximately 3,700 records, representing health organizations, such as hospitals, health units, and other health-related facilities, clinics, programs and services.

Medical Trainee Database (MTD)

Data Categories		☐ Clinical ☐ Demographics ☐ Financial ☒ Health HR ☐ Reference ☒ Surveys ☐ Other: _____					
Health Topics	**Services**	☐ Acute Care ☐ Community Care ☐ Complex Continuing Care ☐ Emergency Care ☐ Long-Term Care ☐ Mental Health/Addictions ☐ Palliative Care ☐ Primary Care ☐ Rehabilitation ☐ Other: _____					
	Wait Time Related	☐ Cancer Services ☐ Cardiac Services ☐ Cataract Surgery ☐ Hip/Knee Joint Replacement ☐ MRI/CT Scan ☐ Other: _____					
	Age Groups	☐ Children (0-11) ☐ Youth (12-17) ☐ Adult (18-64) ☐ Seniors (65+)					
	Other Topics	☐ Diabetes ☐ Morbidity ☐ Mortality ☐ Osteoporosis ☐ Paediatrics ☐ Patient Safety ☐ Prescription Drugs ☐ Trauma/Injuries ☐ Women's Health ☐ Other: _____					
Web URL	**Information:**			**Login:**			

Overview

Description	The Medical Trainee Database (MTD) supports medical trainee data collection and reporting. Information is collected for the purpose of developing an equitable funding allocation for Ontario Public Hospitals. Starting in the 2001/2002 fiscal year, Ontario Public Hospitals have submitted their MTD to the Ministry of Health and Long-Term Care (MOHLTC). The MOHLTC Hospital Funding Committee uses this data to calculate the Teaching Data Adjustment for the funding formula. It is also used for accountability purposes. The MTD database program and submission process assists hospitals with inputting and submitting their data directly to the database. The MOHLTC has developed the Joint Policy & Planning Committee's (JPPC) data standards to comply with current information and management practices. This will support provincially standardized data elements within all Ontario Public Hospitals.						
Info Holding Owner	Finance & Information Management Branch (MOHLTC)						
MOHLTC Owns:	☐ Unrestricted Copy ☐ Restricted Copy ☐ Does not own a copy ☒ Not Applicable				**Copy Owner:**		
Target Audience	FIM, Clinical Education, JPPC						
Data Sources	☐ Primary ☐ Secondary			**Sources**			
Population Groups							
Data Granularity	☒ Personal ☐ Anonymous ☐ Pseudonymous ☐ Aggregated			**Aggregation Levels:**	Summary Reports aggregated to anonymous data level		

DATA TABLES

Table Name	Table Description	Primary Identifiers	Data Collection Location	Resident and/or Provider	Geographic Codes (Postal, LHIN...)	Data Availability
Medical Trainee Summary		Medical Trainee Level and Hospitals	FIM	Provider	Not Applicable	Earliest Data: _____ Latest Data: _____ Update Freq.: _____ Mandatory? _____

USAGE CONSTRAINTS

Privacy Constraints	Covered by FIPPA
Restricted Copy Rules	Not Applicable
Derived Works Limitations	Not Applicable

DATA ACCESS

Network Accessibility	☒ None ☐ Internet ☐ Intranet ☐ VPN ☐ SSHA Network ☐ Others _____
DSS Tools	Microsoft Access

SYSTEM REQUIREMENTS

Licensing	
Software Requirements	
User Platform	☐ Web browser ☒ Windows 2000/XP ☐ Mac OS 9 / X ☐ Unix ☐ Linux
Network Requirements	

CONTACTS

Support/Questions	Support Organization	Title	Name	Phone #	E-Mail
	Finance and Information Management Branch	Information Mgmt. Coordinator	Michael Byrnes	(416) 327-7770	Michael.Byrnes@moh.gov.on.ca

ADDITIONAL NOTES

The collection of Medical Trainee Data follows a comprehensive information management strategy consisting of analysis of data quality by validity, reliability and standards. Reconciliation of data issues, such as resolution of conflicting records and accountability of data is audited.

Participating hospitals/sites must submit medical trainee data if their medical trainee days are significant enough to report. This is an internal hospital decision. For each hospital submitting medical trainee data, the following levels of detail are mandatory: Hospital and/or Site Information (hospital/site name, facility code, and primary and secondary contact information) and Medical Trainee Information (each medical student's rotation including medical school, student name, CPSO/student numbers, rotation dates (start and end), education level and corresponding program and service descriptions. Each medical trainee's or student's rotation must be reported on a singular basis. That is, each rotation is to be entered as a separate training record.)

MOHLTC Facility System

Data Categories		☐ Clinical ☐ Demographics ☒ Financial ☐ Health HR ☐ Reference ☐ Surveys ☒ Other: Bed Utilization				
Health Topics	**Services**	☐ Acute Care ☐ Community Care ☐ Complex Continuing Care ☐ Emergency Care ☒ Long-Term Care ☐ Mental Health/Addictions ☐ Palliative Care ☐ Primary Care ☐ Rehabilitation ☐ Other: _____				
	Wait Time Related	☐ Cancer Services ☐ Cardiac Services ☐ Cataract Surgery ☐ Hip/Knee Joint Replacement ☐ MRI/CT Scan ☐ Other: _____				
	Age Groups	☐ Children (0-11)	☐ Youth (12-17)	☒ Adult (18-64)	☒ Seniors (65+)	
	Other Topics	☐ Diabetes ☐ Morbidity ☐ Mortality ☐ Osteoporosis ☐ Paediatrics ☐ Patient Safety ☐ Prescription Drugs ☐ Trauma/Injuries ☐ Women's Health ☐ Other: _____				
Web URL	**Information:**			**Login:**	Tied to MOHLTC network log-on protocol.	

Overview

Description	The MOHLTC Facility System contains financial data from the Long-Term Care Facilities Annual Report and the Overall Reconciliation. This includes data on expenses from the three main areas which are Nursing, Program & Support Services and Accommodation Services. It also includes revenue data related to accommodation services and bed utilization data.				
Info Holding Owner	Finance & Information Management Branch (MOHLTC)				
MOHLTC Owns:	☐ Unrestricted Copy ☐ Restricted Copy ☐ Does not own a copy ☒ Not Applicable			**Copy Owner:**	
Target Audience	LTC Homes Branch, Regional Offices, LTC Redevelopment, Finance & Information Management Branch				
Data Sources	☒ Primary ☐ Secondary	**Sources:**			
Population Groups	Seniors (65+) and adults (18 – 64).				
Data Granularity	☐ Personal ☐ Anonymous ☐ Pseudonymous ☒ Aggregated			**Aggregation Levels:**	Facility level

DATA TABLES

Table Name	Table Description	Primary Identifiers	Data Collection Location	Resident and/or Provider	Geographic Codes (Postal, LHIN...)	Data Availability	
tblARP01	Contains resident days (bed utilization data) in total for each facility in each category for LTC residents receiving basic, private and semi-private service, as well as total resident days.	LTC ID number, Vendor number, Nursing Home ID	MOHLTC regions	LTC facilities	MOHLTC region, Upper Tier Municipality	Earliest Data: Latest Data: Update Freq.: Mandatory?	1997 calendar year. 2004 calendar year (not yet reconciled). Annual. Yes.
tblARP02	Total revenue figures for each facility by basic, private and semi-private categories as well as total.	LTC ID number, Vendor number, Nursing Home ID	MOHLTC regions	LTC facilities	MOHLTC region, Upper Tier Municipality	Earliest Data: Latest Data: Update Freq.: Mandatory?	Same as above.
tblARP03	Nursing expenditure by typical expenditure categories and in total for each facility.	LTC ID number, Vendor number, Nursing Home ID	MOHLTC regions	LTC facilities	MOHLTC region, Upper Tier Municipality	Earliest Data: Latest Data: Update Freq.: Mandatory?	Same as above.
tblARP04	Program Support and Raw Food expenditure by typical expenditure categories and in total for each facility.	LTC ID number, Vendor number, Nursing Home ID	MOHLTC regions	LTC facilities	MOHLTC region, Upper Tier Municipality	Earliest Data: Latest Data: Update Freq.: Mandatory?	Same as above.
tblARP05	Housekeeping services expenditure by typical expenditure categories and in total for each facility.	LTC ID number, Vendor number, Nursing Home ID	MOHLTC regions	LTC facilities	MOHLTC region, Upper Tier Municipality	Earliest Data: Latest Data: Update Freq.: Mandatory?	Same as above.
tblARP06	Building and Property Management services expenditure by typical expenditure categories and in total for each facility.	LTC ID number, Vendor number, Nursing Home ID	MOHLTC regions	LTC facilities	MOHLTC region, Upper Tier Municipality	Earliest Data: Latest Data: Update Freq.: Mandatory?	Same as above.

DATA TABLES

Table Name	Table Description	Primary Identifiers	Data Collection Location	Resident and/or Provider	Geographic Codes (Postal, LHIN...)	Data Availability	
tblARP07	Dietary services expenditure by typical expenditure categories and in total for each facility.	LTC ID number, Vendor number, Nursing Home ID	MOHLTC regions	LTC facilities	MOHLTC region, Upper Tier Municipality	Earliest Data: Latest Data: Update Freq.: Mandatory?	Same as above.
tblARP08	Laundry and Linen services expenditure by typical expenditure categories and in total for each facility.	LTC ID number, Vendor number, Nursing Home ID	MOHLTC regions	LTC facilities	MOHLTC region, Upper Tier Municipality	Earliest Data: Latest Data: Update Freq.: Mandatory?	Same as above.
tblARP09	General Administrative services expenditure by typical expenditure categories and in total for each facility.	LTC ID number, Vendor number, Nursing Home ID	MOHLTC regions	LTC facilities	MOHLTC region, Upper Tier Municipality	Earliest Data: Latest Data: Update Freq.: Mandatory?	Same as above.
tblARP10	Facility expenditure by typical expenditure categories and in total for each facility.	LTC ID number, Vendor number, Nursing Home ID	MOHLTC regions	LTC facilities	MOHLTC region, Upper Tier Municipality	Earliest Data: Latest Data: Update Freq.: Mandatory?	Same as above.
tblARP11	Data on numbers of beds by bed type.	LTC ID number, Vendor number, Nursing Home ID	MOHLTC regions	LTC facilities	MOHLTC region, Upper Tier Municipality	Earliest Data: Latest Data: Update Freq.: Mandatory?	Same as above.
tblARP12	Data on various types of interest paid by facilities on mortgages and loans.	LTC ID number, Vendor number, Nursing Home ID	MOHLTC regions	LTC facilities	MOHLTC region, Upper Tier Municipality	Earliest Data: Latest Data: Update Freq.: Mandatory?	Same as above.
tblARP13	Data on various provincial payments to facilities and adjustments.	LTC ID number, Vendor number, Nursing Home ID	MOHLTC regions	LTC facilities	MOHLTC region, Upper Tier Municipality	Earliest Data: Latest Data: Update Freq.: Mandatory?	Same as above.

DATA TABLES

Table Name	Table Description	Primary Identifiers	Data Collection Location	Resident and/or Provider	Geographic Codes (Postal, LHIN...)	Data Availability
tblARP14	Accreditation data and data on Maximum Resident days (facility capacity) by bed type.	LTC ID number, Vendor number, Nursing Home ID	MOHLTC regions	LTC facilities	MOHLTC region, Upper Tier Municipality	Earliest Data: Same as above. Latest Data: Update Freq.: Mandatory?
tblARP15	Continuation of table 14.	LTC ID number, Vendor number, Nursing Home ID	MOHLTC regions	LTC facilities	MOHLTC region, Upper Tier Municipality	Earliest Data: Same as above. Latest Data: Update Freq.: Mandatory?
vwPayMonth for tblPayCalc	Contains monthly data by facility for various kinds of transfer payments (provincial subsidy, High intensity needs funding, pay equity funding, etc.) as well as information on municipal and capital taxes, debt servicing, etc.	LTC ID number, Vendor number, Nursing Home ID	MOHLTC regions	LTC facilities	MOHLTC region, Upper Tier Municipality	Earliest Data: 1997 calendar year. Latest Data: 2005 calendar year. Update Freq.: Monthly. Mandatory? Yes.

USAGE CONSTRAINTS

Privacy Constraints	Access is available by making a request to Divisional Management in the MOHLTC I&IT Cluster.
Restricted Copy Rules	Access is usually read-only access unless otherwise negotiated with the MOHLTC I&IT Cluster.
Derived Works Limitations	Data is sufficiently aggregated to prevent identification of individual facilities. This is determined by Finance and Information Management Branch.

DATA ACCESS

Network Accessibility	☐ None ☐ Internet ☒ Intranet ☐ VPN ☐ SSHA Network ☐ Others: Network
DSS Tools	

SYSTEM REQUIREMENTS

Licensing	As determined by MOHLTC HR I&IT Cluster
Software Requirements	Web browser, Microsoft Access
User Platform	☐ Web browser ☒ Windows 2000/XP ☐ Mac OS 9 / X ☐ Unix ☐ Linux
Network Requirements	High speed Ethernet connection, network software and log-on routines and other protocols as determined by the MOHLTC HR I&IT Cluster.

CONTACTS

Support/Questions	Support Organization	Title	Name	Phone #	E-Mail
Information/Reports	Finance and Information Management Branch	Information Mgmt. Coordinator	Jason Lian	(416) 327-7055	Jason.Lian@moh.gov.on.ca
System Support	I&IT Cluster	Manager, ITU	Bruce Pack	(613) 536-7230 x7233	Bruce.Pack@moh.gov.on.ca

ADDITIONAL NOTES

Ontario Case Costing Initiative (OCCI)

Data Categories		☒ Clinical ☒ Demographics ☒ Financial ☐ Health HR ☐ Reference ☐ Surveys ☐ Other: _____					
Health Topics	**Services**	☒ Acute Care ☐ Community Care ☒ Complex Continuing Care ☒ Emergency Care ☐ Long-Term Care ☒ Mental Health/Addictions ☒ Palliative Care ☐ Primary Care ☒ Rehabilitation ☐ Other: _____					
	Wait Time Related	☐ Cancer Services ☐ Cardiac Services ☐ Cataract Surgery ☐ Hip/Knee Joint Replacement ☐ MRI/CT Scan ☐ Other: _____					
	Age Groups	☒ Children (0-11) ☒ Youth (12-17) ☒ Adult (18-64) ☒ Seniors (65+)					
	Other Topics	☒ Diabetes ☒ Morbidity ☒ Mortality ☒ Osteoporosis ☒ Paediatrics ☐ Patient Safety ☐ Prescription Drugs ☒ Trauma/Injuries ☒ Women's Health ☒ Other: Procedure and Diagnosis level information					
Web URL	**Information:**	http://www.occps.com			**Login:**		

Overview

Description

The Ontario Case Costing Initiative (OCCI) was created to continue the work started by the Ontario Case Costing Project (OCCP). The primary objectives of the OCCI are the collection of case costing data in support of improved management decision making and the development of weights used in hospital funding methodologies as well as hospital funding methodologies. The OCCI is collecting case cost data for acute inpatient, day surgery and ambulatory care cases. In the near future, Complex Continuing Care data will also be submitted by hospitals.

The OCCI database is a patient-specific case cost database of acute inpatient, day surgery, emergency as well as limited chronic, rehabilitation and high cost clinics data from participating hospitals. The following is a brief description of the basic components that form the OCCI database. For each patient there are two sources of data that make up the case cost record. The first is the cost data from the hospitals that has been produced, based on the OCCI costing methodology. The second is the patient discharge abstract collected by the Canadian Institute for Health Information (CIHI). The discharge abstract contains patient descriptive, demographic and clinical data. Patient descriptive data allows the OCCI database to be more robust. The patient descriptive component contains the data elements required for grouping patients by patient classification systems, e.g., case mix groups (CMGs), and diagnostic related groups (DRGs). Thus, any patient grouping can be costed by simply re-grouping patients.

At a minimum, each hospital provides the total direct and indirect costs by Ontario Health Reporting System (OHRS) functional centre for each patient. All functional centres must be reported at a minimum of level 4. Therefore, hospitals are required to provide total direct and indirect costs incurred by patients for Nursing, Ambulatory Services, Clinical Laboratory, Diagnostic Imaging, Pharmacy and Allied Health. However, some Project hospitals have gone beyond the minimum standard and provided data at level 5. The cost and discharge abstract data files are merged based on the institution number, the patient's chart number, registration number, and the admission date. The cost data by itself would limit the scope of analysis. The patient descriptive data adds value to the cost data by describing the context and circumstances from which the costs were generated. Together, in the OCCI database, the data provides a powerful analytical tool to begin examining costs from a number of different perspectives. For example, measuring the cost variance between surgeons for knee replacements. The OCCI has also begun to "re-group" past years data with current CMG grouping methodology. This allows for the comparison of a given CMG's costs over a number of years.

Info Holding Owner	Finance & Information Management Branch (MOHLTC)					
MOHLTC Owns:	☐ Unrestricted Copy	☐ Restricted Copy	☐ Does not own a copy	☒ Not Applicable	**Copy Owner:**	
Target Audience						

Data Sources	☒ Primary ☒ Secondary	**Sources**:	
Population Groups	Facility level data with the ability to aggregate at, provincial, LHIN, regional, facility type etc.		
Data Granularity	☒ Personal ☒ Anonymous ☐ Pseudonymous ☐ Aggregated	**Aggregation Levels**:	

DATA TABLES

Table Name	Table Description	Primary Identifiers	Data Collection Location	Resident and/or Provider	Geographic Codes (Postal, LHIN...)	Data Availability
Acute Services Clinical	Derived from DAD Abstract, includes patient demographics, patient/hospital geographic identifiers, admission/discharge information, case disposition, length of stay, clinical diagnoses, interventions performed, case groupers and case weights. Fiscal Year April to March.					Earliest Data: _____ Latest Data: _____ Update Freq.: _____ Mandatory? _____
Acute Services Cost	Fiscal Year April to March.					Earliest Data: _____ Latest Data: _____ Update Freq.: _____ Mandatory? _____
Inpatient Data	Fiscal Year April to March.					Earliest Data: _____ Latest Data: _____ Update Freq.: _____ Mandatory? _____
Surgery Data	Data on emergency, ambulatory and complex continuing care. Fiscal Year April to March.					Earliest Data: _____ Latest Data: _____ Update Freq.: _____ Mandatory? _____

USAGE CONSTRAINTS

Privacy Constraints	Access is limited to MOHLTC FIM Branch. All patient identifiers are encrypted. The database does not store patient names or street addresses.
Restricted Copy Rules	OCCI cannot be copied in whole or in part except as described below under Derived Works Limitations. Administration is restricted to FIM.
Derived Works Limitations	All outputs must contain aggregated values only. Small cell counts (< 5) must be suppressed. By special arrangement single records can be extracted on a one-time only basis. Any Data request for small cell counts must be approve by FIPPA. Under the terms of the license, the OCCI cannot be used as data "feed" for any other database or system.

DATA ACCESS

Network Accessibility	☒ None ☐ Internet ☐ Intranet ☐ VPN ☐ SSHA Network ☐ Others:_____
DSS Tools	Currently OCCI staff use SAS to query directly on database

SYSTEM REQUIREMENTS

Licensing	N/A
Software Requirements	N/A
User Platform	☐ Web browser ☐ Windows 2000/XP ☐ Mac OS 9 / X ☐ Unix ☐ Linux
Network Requirements	N/A

CONTACTS

Support/Questions	Support Organization	Title	Name	Phone #	E-Mail
Data Requests/Year End Audits/Analysis	Finance and Information Management	Information Mgt. Analyst	Jane Chen	(416) 327-7304	Jane.Chen@moh.gov.on.ca
Year End Audits/ Analysis	Finance and Information Management	Information Mgt. Analyst	Claire Zhang	(416) 327-8764	Claire.Zhang@moh.gov.on.ca
Lead/Methodology	Finance and Information Management	Information Mgt. Coordinator	Christina Hoy	(416) 327-7305	Christina.Hoy@moh.gov.on.ca

ADDITIONAL NOTES

Ontario Healthcare Financial and Statistical System (OHFS)

Data Categories		☐ Clinical ☒ Other: Statistical	☐ Demographics	☒ Financial	☒ Health HR	☐ Reference	☐ Surveys
Health Topics	**Services**	☒ Acute Care ☒ Emergency Care ☐ Palliative Care	☒ Community Care ☒ Long-Term Care ☐ Primary Care	☒ Complex Continuing Care ☒ Mental Health/Addictions ☒ Rehabilitation	☐ Other: _____		
	Wait Time Related	☐ Cancer Services ☐ Hip/Knee Joint Replacement		☐ Cardiac Services ☐ MRI/CT Scan	☐ Cataract Surgery ☐ Other: _____		
	Age Groups	☐ Children (0-11)	☐ Youth (12-17)	☐ Adult (18-64)	☐ Seniors (65+)		
	Other Topics	☐ Diabetes ☐ Paediatrics ☐ Women's Health	☐ Morbidity ☐ Patient Safety ☐ Other: _____	☐ Mortality ☐ Prescription Drugs	☐ Osteoporosis ☐ Trauma/Injuries		
Web URL	**Information:**	N/A		**Login:**	For Cognos Cube access only: http://ohfs.moh.gov.on.ca/ via intranet only		

Overview

Description

The Ontario Financial and Statistical System (OHFS) is the database for the Management Information System (MIS). It contains financial and statistical data from integrated healthcare programs (Hospitals, Community Care Access Centres (CCAC), Children's Treatment Centres (CTC) and some Community Mental Health and Addictions Programs). The Ontario Healthcare Financial and Statistical System (OHFS) is used in conjunction with the Ontario Healthcare Reporting System (OHRS). The OHRS outlines the requirements for data collection for planning, monitoring and reporting on health service activities. The OHFS contains the following types of information:

- Financial and statistical data for transfer payment agencies (hospitals, CCAC's, CTCs, community mental health agencies & addiction programs)
- Balance sheets
- Delivery cost of health care services (i.e.- compensation costs, operating expenses, equipment cost information, referred out costs, sundry costs)
- Employment skill mix and employment status
- Financial and statistical data for producing performance indicators at both the facility and functional centre level.
- Note: Only submissions that have passed all edit stages will exist in the database. If a facility resubmits, the previous submission data will be replaced by the new submission when it has passed all edit stages.

Info Holding Owner	Finance & Information Management Branch (MOHLTC)			
MOHLTC Owns:	☐ Unrestricted Copy ☐ Restricted Copy ☐ Does not own a copy ☒ Not Applicable	**Copy Owner:**		
Target Audience	FIM, CCAC's, Hospitals, MH & A, LTC facilities, HSC/HCP/I&IT, MOHLTC Regional Offices			
Data Sources	☒ Primary ☐ Secondary	**Sources:**	MIS data submitted by healthcare organizations	
Population Groups				
Data Granularity	☐ Personal ☐ Anonymous ☐ Pseudonymous ☒ Aggregated	**Aggregation Levels:**	According to MIS reporting levels	

DATA TABLES

Table Name	Table Description	Primary Identifiers	Data Collection Location	Resident and/or Provider	Geographic Codes (Postal, LHIN...)	Data Availability
Fclty_Bsa_Aud_Actl_Detl	Balance sheet data for year end submissions (starting with 1994YE submissions)	Health facility number, accounting period, account components	Healthcare organizations		Region, DHC, County, Municipality	Earliest Data: 1994YE Latest Data: 2003YE Update Freq.: Yearly Mandatory? Yes
Fclty_ Secdy_Aud_Actl_Detl	Functional and Accounting Centre data for year end submissions (starting with 1994YE submissions)	Health facility number, accounting period, account components	Healthcare organizations		Region, DHC, County, Municipality	Earliest Data: 1994YE Latest Data: 2003YE Update Freq.: Yearly Mandatory? Yes
Fclty_Bsa_Aud_Actl_Summ	Balance sheet data for year end submissions - All detail data is copied to this table without any rollup applied.	Health facility number, accounting period, account components	Healthcare organizations		Region, DHC, County, Municipality	Earliest Data: 1994YE Latest Data: 2003YE Update Freq.: Yearly Mandatory? Yes
Fclty_ Secdy_Aud_Actl_Summ	Functional and Accounting Centre data that has fund type Equal 1, 2 or 5 will have data in the detail summarized and placed in this summary table. All other detail table will be inserted in this table without any rollup.	Health facility number, accounting period, account components	Healthcare organizations		Region, DHC, County, Municipality	Earliest Data: 1994YE Latest Data: 2003YE Update Freq.: Yearly Mandatory? Yes
Fclty_Bsa_YTD_Actl_Forcst_Detl	Balance sheet data for quarter 2 and quarter 3 submissions (starting with 2000Q3 submissions)	Health facility number, accounting period, account components	Healthcare organizations		Region, DHC, County, Municipality	Earliest Data: 2000Q3 Latest Data: 2004Q3 Update Freq.: 2nd & 3rd Qtr Mandatory? Yes
Fclty_Secdy_YTD_Actl_Forcst_Dt	Functional and Accounting Centre data for quarter 2 and quarter 3 submissions (starting with 2000Q3 submissions)	Health facility number, accounting period, account components	Healthcare organizations		Region, DHC, County, Municipality	Earliest Data: 2000Q3 Latest Data: 2004Q3 Update Freq.: 2nd & 3rd Qtr Mandatory? Yes
Fclty_Bsa_YTD_Actl_Forcst_Summ	Balance sheet data for year end submissions - All detail data is copied to this table without any rollup applied.	Health facility number, accounting period, account components	Healthcare organizations		Region, DHC, County, Municipality	Earliest Data: 2000Q3 Latest Data: 2004Q3 Update Freq.: 2nd & 3rd Qtr Mandatory? Yes

Table Name	Table Description	Primary Identifiers	Data Collection Location	Resident and/or Provider	Geographic Codes (Postal, LHIN...)	Data Availability	
Fclty_Secdy_YTD_Actl_Forcst_Sm	Functional and Accounting Centre data that has fund type Equal 1, 2 or 5 will have data in the detail summarized and placed in this summary table. All other detail table will be inserted in this table without any rollup.	Health facility number, accounting period, account components	Healthcare organizations		Region, DHC, County, Municipality	Earliest Data: Latest Data: Update Freq.: Mandatory?	2000Q3 2004Q3 2nd & 3rd Qtr Yes
Submission_Contact_Person	Contact person information for each successful submission	Facility submission key, contact person key	Healthcare organizations		Region, DHC, County, Municipality	Earliest Data: Latest Data: Update Freq.: Mandatory?	1994 2004 2nd & 3rd Qtr, Yearly Yes
Facility_Submission_Cmnt	Comment records for each successful submission	Facility submission key, comment key	Healthcare organizations		Region, DHC, County, Municipality	Earliest Data: Latest Data: Update Freq.: Mandatory?	1994 2004 2nd & 3rd Qtr, Yearly Yes

USAGE CONSTRAINTS

Privacy Constraints	Salary expenditures where there are less than 5 FTE in a functional centre.
Restricted Copy Rules	
Derived Works Limitations	

DATA ACCESS

Network Accessibility	☐ None ☐ Internet ☒ Intranet ☐ VPN ☐ SSHA Network ☐ Others: _____
DSS Tools	Crystal Reports, Cognos Power Play and Impromptu

SYSTEM REQUIREMENTS

Licensing	User Agreement must be signed off before access granted to COGNOS Cube. User training is an additional requirement of agreement sign off.
Software Requirements	
User Platform	☒ Web browser ☒ Windows 2000/XP ☐ Mac OS 9 / X ☐ Unix ☐ Linux
Network Requirements	

CONTACTS

Support/Questions	Support Organization	Title	Name	Phone #	E-Mail
	Finance and Information Management Branch	Provincial MIS Coordinator	Sandra Chase	(416) 327-7767	Sandra.Chase@moh.gov.on.ca
	Finance and Information Management Branch	Sr. Information Analyst	Vicki Longo	(416) 327-7767	Vicki.Longo@moh.gov.on.ca

ADDITIONAL NOTES

CCAC's and Cuts have been included for the fiscal year 2003-2004. There are future plans to include Long-Term Care Homes and Centre for Mental Health and Addictions (CMH&A) programs' data in the next two years.

Ontario Mental Health Reporting System (OMHRS)

Data Categories		☒ Clinical ☒ Demographics ☐ Financial ☐ Health HR ☐ Reference ☐ Surveys ☐ Other: ____				
Health Topics	**Services**	☐ Acute Care ☐ Community Care ☐ Complex Continuing Care ☐ Emergency Care ☐ Long-Term Care ☒ Mental Health/Addictions ☐ Palliative Care ☐ Primary Care ☐ Rehabilitation ☐ Other: ____				
	Wait Time Related	☐ Cancer Services ☐ Cardiac Services ☐ Cataract Surgery ☐ Hip/Knee Joint Replacement ☐ MRI/CT Scan ☐ Other :____				
	Age Groups	☐ Children (0-11) ☐ Youth (12-17) ☒ Adult (18-64) ☒ Seniors (65+)				
	Other Topics	☐ Diabetes ☐ Morbidity ☐ Mortality ☐ Osteoporosis ☐ Paediatrics ☐ Patient Safety ☐ Prescription Drugs ☐ Trauma/Injuries ☐ Women's Health ☐ Other: ____				
Web URL	**Information:**	**http**://www.cihi.ca; http://www.mohltcfim.com		**Login:**		

Overview

Description	The OMHRS will be the repository for Minimum Data Set – Mental Health (MDS-MH) data submitted by Ontario hospitals with designated mental health beds. This includes general hospitals with designated psychiatric units, specialty and provincial psychiatric hospitals. The MDS-MH includes demographic, administrative and clinical data collected through the assessment of patients on admission, discharge and at specific intervals during their hospital stay by frontline clinicians. In addition to the use of the data by frontline hospital staff to develop care plans for psychiatric patients, CIHI will collect and process MDS-MH data and provide provincial and hospital-specific outcome measures and quality indicators reports to the hospitals. Using the mental health data collected, a case-mix methodology called the System for the Classification of Inpatient Psychiatry (SCIPP) has been developed to provide the ministry with data for funding adjustments to the IPBA funding formula. The MDS-MH, outcomes measure, quality indicators and SCIPP are known collectively as the Resident Assessment Instrument – Mental Health (RAI-MH). It was developed for Ontario by the Joint Policy and Planning Committee (JPPC) and interRAI, an international research company based in the U.S. The MOHLTC has mandated the collection of the data by Ontario hospitals beginning October 1, 2005.
Info Holding Owner	**National:** Ontario data will be processed by Canadian Institute for Health Information (CIHI) and stored at CIHI for inclusion in national reports **Ontario:** Copy of Ontario data is held by Knowledge Management and Reporting Branch, IPP
MOHLTC Owns:	☐ Unrestricted Copy ☒ Restricted Copy ☐ Does not own a copy ☐ Not Applicable **Copy Owner:** Knowledge Management & Reporting Branch, IPP
Target Audience	CIHI, provincial and territorial ministries of health, decision and policy-makers, Health Canada, Statistics Canada and health care researchers, local/provincial health care administrators.
Data Sources	☒ Primary ☐ Secondary **Sources:** Frontline health care providers including nurses, psychiatrists, psychologists, social workers, etc conduct assessments of individuals in designated mental health beds using the Resident Assessment Instrument's MDS-MH form.
Population Groups	Ontario residents admitted as inpatients to designated mental health beds
Data Granularity	☒ Personal ☒ Anonymous ☐ Pseudonymous ☐ Aggregated **Aggregation Levels:**

DATA TABLES

Table Name	Table Description	Primary Identifiers	Data Collection Location	Resident and/or Provider	Geographic Codes (Postal, LHIN...)	Data Availability
To be determined	To be determined	- Master No - Health Card No - Chart No - Case Record No	Hospitals sites with designated mental health beds	Resident and provider	Resident Prior Residence Postal Code can be rolled up to Region, County / Municipality, PHU, LHIN Hospital Master Number can be rolled up to Region, County / Municipality, PHU, LHIN	Data collection to start October 1, 2005

USAGE CONSTRAINTS

Privacy Constraints	**National** CIHI has in place a comprehensive Privacy, Confidentiality and Security Program. One key element of the program is CIHI's statement of principles and policies that guide CIHI's operations and informs others of CIHI's practices. The principles and policies are reviewed and updated regularly. The principles and policies are set out in the document Privacy and Confidentiality of Health Information at CIHI: *Principles and Policies for the Protection of Personal Health Information and Policies for Institution-Identifiable Information, 3rd Edition*. See link: http://www.cihi.ca. **Ontario**: Access to the file requires signing of Data Access agreement with Knowledge Management & Reporting Branch. Agreement covers all aspects of patient privacy, confidentiality, authorized use, and data disposal.
Restricted Copy Rules	Health Card Numbers uniquely encrypted for each user. Small cell counts/residual rules to be applied.
Derived Works Limitations	As specified in Data Access Agreement

DATA ACCESS

Network Accessibility	☐ None ☐ Internet ☐ Intranet ☒ VPN ☐ SSHA Network ☒ Others Data CD, DVD
DSS Tools	Open database architecture. Data can be accessed using any programming language/software capable of reading non-delimited flat text files. This includes SAS, SPSS, FOCUS, PLI/1, COBOL, and C.

SYSTEM REQUIREMENTS

Licensing	Users must complete Data Access Agreement with Knowledge Management & Reporting Branch (MOHLTC)
Software Requirements	See DSS Tools
User Platform	☐ Web browser ☒ Windows 2000/XP ☒ Mac OS 9 / X ☒ Unix ☒ Linux
Network Requirements	N/A

CONTACTS

Support/Questions	Support Organization	Title	Name	Phone #	E-Mail
During implementation - Ontario	Information Management Unit, Finance and Information Management Branch	Sr. Information Management Analyst	Bill Ng	(416) 327-7589	bill.ng@moh.gov.on.ca
During implementation – other provinces	Canadian Institute for Health Information				omhrs@cihi.ca

ADDITIONAL NOTES

Documentation including technical specifications, user manuals, etc may be available. See Contacts section.

Ontario Resident Coding System (ORCS)

Data Categories		☐ Clinical ☐ Demographics ☐ Financial ☐ Health HR ☒ Reference ☐ Surveys ☒ Other: Geographic Location Codes				
Health Topics	**Services**	☐ Acute Care ☐ Community Care ☐ Complex Continuing Care ☐ Emergency Care ☐ Long-Term Care ☐ Mental Health/Addictions ☐ Palliative Care ☐ Primary Care ☐ Rehabilitation ☐ Other: _____				
	Wait Time Related	☐ Cancer Services ☐ Cardiac Services ☐ Cataract Surgery ☐ Hip/Knee Joint Replacement ☐ MRI/CT Scan ☐ Other: _____				
	Age Groups	☐ Children (0-11) ☐ Youth (12-17) ☐ Adult (18-64) ☐ Seniors (65+)				
	Other Topics	☐ Diabetes ☐ Morbidity ☐ Mortality ☐ Osteoporosis ☐ Paediatrics ☐ Patient Safety ☐ Prescription Drugs ☐ Trauma/Injuries ☐ Women's Health ☐ Other: _____				
Web URL	**Information:**	http://www.mohfiltcfim.com		**Login:**		

Overview

Description	The Ontario Resident Coding System (ORCS) contains residence codes for municipalities and counties				
Info Holding Owner	Finance and Information Management Branch (MOHLTC)				
MOHLTC Owns:	☐ Unrestricted Copy ☐ Restricted Copy ☐ Does not own a copy ☒ Not Applicable			**Copy Owner:**	
Target Audience	Hospitals, CCAC's, Public Health Units, EMS, Branches of MOHLTC, etc				
Data Sources	☐ Primary ☒ Secondary	**Sources**:	Municipal Affairs and Housing (MAH)		
Population Groups					
Data Granularity	☐ Personal ☐ Anonymous ☐ Pseudonymous ☐ Aggregated			**Aggregation Levels:**	n/a

DATA TABLES

Table Name	Table Description	Primary Identifiers	Data Collection Location	Resident and/or Provider	Geographic Codes (Postal, LHIN...)	Data Availability
JB04	HESP.JBO4.JBO406GR1, ABBRVRPT.YR2004 Abbreviated Numeric Listing				County, Municipality, MOHLTC Region	Earliest Data: April 1 Latest Data: Update Freq.: Annual Mandatory? Yes
JB04	HESP.JB04.JB0406M2.GEOPLACE.YR2004 Full alphabetic listing					Earliest Data: _____ Latest Data: _____ Update Freq.: _____ Mandatory? _____

USAGE CONSTRAINTS

Privacy Constraints	No
Restricted Copy Rules	No
Derived Works Limitations	n/a

DATA ACCESS

Network Accessibility	☐ None ☒ Internet ☒ Intranet ☐ VPN ☐ SSHA Network ☐ Others:_____
DSS Tools	

SYSTEM REQUIREMENTS

Licensing	n/a
Software Requirements	Microsoft Access; Mainframe
User Platform	☒ Web browser ☐ Windows 2000/XP ☐ Mac OS 9 / X ☐ Unix ☐ Linux
Network Requirements	

CONTACTS

Support/Questions	Support Organization	Title	Name	Phone #	E-Mail
	Finance and Information Management Branch	Health Facilities Statistics Officer	Divine Scott	(416) 327-7773	Davina.Scott@moh.gov.on.ca

ADDITIONAL NOTES

Provincial Psychiatric Hospitals Discharge Abstract Database (PPH-DAD)

Data Categories		☒ Clinical ☒ Demographics ☐ Financial ☐ Health HR ☐ Reference ☐ Surveys ☐ Other: _____
Health Topics	**Services**	☐ Acute Care ☐ Community Care ☐ Complex Continuing Care ☐ Emergency Care ☐ Long-Term Care ☒ Mental Health/Addictions ☐ Palliative Care ☐ Primary Care ☐ Rehabilitation ☐ Other: _____
	Wait Time Related	☐ Cancer Services ☐ Cardiac Services ☐ Cataract Surgery ☐ Hip/Knee Joint Replacement ☐ MRI/CT Scan ☐ Other: _____
	Age Groups	☒ Children (0-11) ☒ Youth (12-17) ☒ Adult (18-64) ☒ Seniors (65+)
	Other Topics	☐ Diabetes ☐ Morbidity ☐ Mortality ☐ Osteoporosis ☐ Paediatrics ☐ Patient Safety ☐ Prescription Drugs ☐ Trauma/Injuries ☐ Women's Health ☐ Other: _____
Web URL	**Information:**	**Login:**

Overview

Description	Provincial Psychiatric Hospitals in-patient discharge data		
Info Holding Owner	Finance and Information Management Branch (MOHLTC)		
MOHLTC Owns:	☐ Unrestricted Copy ☐ Restricted Copy ☐ Does not own a copy ☒ Not Applicable	**Copy Owner:**	
Target Audience	MOHLTC		
Data Sources	☒ Primary ☐ Secondary	**Sources:**	Provincial Psychiatric Hospitals ADT
Population Groups			
Data Granularity	☐ Personal ☒ Anonymous ☐ Pseudonymous ☐ Aggregated	**Aggregation Levels:**	

DATA TABLES

Table Name	Table Description	Primary Identifiers	Data Collection Location	Resident and/or Provider	Geographic Codes (Postal, LHIN...)	Data Availability
		None	Provincial Psychiatric Hospitals		Residence Code (County-Municipality)	Earliest Data: 1994/95 Latest Data: 2003/04 Update Freq.: Annual Mandatory? Yes

USAGE CONSTRAINTS

Privacy Constraints	
Restricted Copy Rules	
Derived Works Limitations	

DATA ACCESS

Network Accessibility	☒ None ☐ Internet ☐ Intranet ☐ VPN ☐ SSHA Network ☐ Others:_____
DSS Tools	

SYSTEM REQUIREMENTS

Licensing	
Software Requirements	
User Platform	☐ Web browser ☒ Windows 2000/XP ☐ Mac OS 9 / X ☐ Unix ☐ Linux
Network Requirements	

CONTACTS

Support/Questions	Support Organization	Title	Name	Phone #	E-Mail
	Finance and Information Management Branch	Senior Analyst	Javier Dixon	(416) 327-8827	Javier.Dixon@moh.gov.on.ca

ADDITIONAL NOTES

Regional Office Allocations Database (ROAD)

Data Categories		☐ Clinical ☐ Demographics ☒ Financial ☐ Health HR ☐ Reference ☐ Surveys ☐ Other: _____				
Health Topics	**Services**	☐ Acute Care ☒ Community Care ☐ Complex Continuing Care ☐ Emergency Care ☐ Long-Term Care ☒ Mental Health/Addictions ☐ Palliative Care ☐ Primary Care ☐ Rehabilitation ☐ Other: _____				
	Wait Time Related	☐ Cancer Services ☐ Cardiac Services ☐ Cataract Surgery ☐ Hip/Knee Joint Replacement ☐ MRI/CT Scan ☐ Other: _____				
	Age Groups	☐ Children (0-11)	☐ Youth (12-17)	☐ Adult (18-64)	☐ Seniors (65+)	
	Other Topics	☐ Diabetes ☐ Morbidity ☐ Mortality ☐ Osteoporosis ☐ Paediatrics ☐ Patient Safety ☐ Prescription Drugs ☐ Trauma/Injuries ☐ Women's Health ☐ Other: _____				
Web URL	**Information:**			**Login:**		

Overview

Description	The Regional Office Allocations Database (ROAD) contains transfer payment information for Long-Term Care (LTC), Community Mental Health, Substance Abuse and other agencies. Specifically, ROAD is designed to store and maintain scheduled community agency allocation and payment information (e.g. for Community Care Access Centres (CCAC's), Children's Treatment Centres (CTC), Community Mental Health & Additions Programs (CMH&A), and other agencies) ROAD was originally developed by the Finance unit of the East Region Long-Term Care office in 1998/1999 to store and maintain community agency allocation and payment information. The Central South region recognized this tool could be further developed to standardize the tracking of allocations and payments for all transfer payment agencies consistently between regional offices. Through interaction with regional office financial staff, the Information Technology Unit began redevelopment in March 2002. The application was piloted in the Central South Region with implementation in all Regions in November 2002. On April 1, 2004, IFIS was implemented at the Ministry of Health and Long-Term Care. ROAD was used as a template for the development of an interface to IFIS. The Transfer Payment Allocation System (TPAS), schedule payments into IFIS. Currently, ROAD continues to be used to track allocation information and acts as a tool to provide information for the population of TPAS.
Info Holding Owner	Finance & Information Management Branch (MOHLTC)
MOHLTC Owns:	☐ Unrestricted Copy ☐ Restricted Copy ☐ Does not own a copy ☒ Not Applicable **Copy Owner:**
Target Audience	Regional Offices, Finance and Information Management Branch
Data Sources	☒ Primary ☐ Secondary **Sources:**
Population Groups	
Data Granularity	☐ Personal ☐ Anonymous ☐ Pseudonymous ☐ Aggregated **Aggregation Levels:**

DATA TABLES

Table Name	Table Description	Primary Identifiers	Data Collection Location	Resident and/or Provider	Geographic Codes (Postal, LHIN...)	Data Availability
Tracking of Allocations and Payments	Financial information (tracking of allocations and payments) and agency information on CCAC's, other LTC Community Support Services, Mental Health, Problem Gambling and Substance Abuse service agencies. (Information for Catch's and THC's also included prior to transfer and closure.)	IFIS Recipient Numbers, IFIS Recipient Sites	Internal Ministry	Provider	Regional, CCAC, Equity District, Business Unit	Earliest Data: 02/03 Latest Data: 04/05 Update Freq.: On-going Mandatory? Yes

USAGE CONSTRAINTS

Privacy Constraints	
Restricted Copy Rules	
Derived Works Limitations	

DATA ACCESS

Network Accessibility	☐ None ☐ Internet ☐ Intranet ☐ VPN ☐ SSHA Network ☒ Others: MOHLTC Wan/LAN
DSS Tools	

SYSTEM REQUIREMENTS

Licensing	
Software Requirements	Microsoft Access
User Platform	☒ Web browser ☒ Windows 2000/XP ☐ Mac OS 9 / X ☐ Unix ☐ Linux
Network Requirements	

CONTACTS

Support/Questions	Support Organization	Title	Name	Phone #	E-Mail
System Support	I&IT Cluster	Manager, Information Technology Unit	Bruce Pack	(613) 536-7230 x7233	Bruce.Pack@moh.gov.on.ca

ADDITIONAL NOTES

The allocation and payment data is matched to other data sources such as Health Care Programs Provider Database (HCPDB). The HCPDB database contains legal names, addresses, contacts etc. and IFIS downloads.

Supportive Housing System (SHS)

Data Categories		☐ Clinical	☐ Demographics	☒ Financial	☐ Health HR	☐ Reference	☐ Surveys
		☐ Other: _____					
Health Topics	**Services**	☐ Acute Care	☐ Community Care	☐ Complex Continuing Care			
		☐ Emergency Care	☐ Long-Term Care	☒ Mental Health/Addictions			
		☐ Palliative Care	☐ Primary Care	☐ Rehabilitation	☐ Other: _____		
	Wait Time Related	☐ Cancer Services		☐ Cardiac Services	☐ Cataract Surgery		
		☐ Hip/Knee Joint Replacement		☐ MRI/CT Scan	☐ Other: _____		
	Age Groups	☐ Children (0-11)	☐ Youth (12-17)	☐ Adult (18-64)	☐ Seniors (65+)		
	Other Topics	☐ Diabetes	☐ Morbidity	☐ Mortality	☐ Osteoporosis		
		☐ Paediatrics	☐ Patient Safety	☐ Prescription Drugs	☐ Trauma/Injuries		
		☐ Women's Health	☐ Other: _____				
Web URL	**Information:**			**Login:**			

Overview

Description	The Supportive Housing System (SHS) unifies information connected with MOHLTC's Supportive Housing programs. The Supportive Housing portfolio provides a combination of subsidized housing and support for clients with mental health, substance abuse, and long-term care problems.			
Info Holding Owner	Finance & Information Management Branch (MOHLTC)			
MOHLTC Owns:	☐ Unrestricted Copy ☐ Restricted Copy ☐ Does not own a copy ☒ Not Applicable	**Copy Owner:**		
Target Audience	Mental Health and Addictions Branch/Housing Programs			
Data Sources	☒ Primary ☐ Secondary	**Sources:**	Supportive Housing Services – Annual Information Return (AIR)	
Population Groups				
Data Granularity	☐ Personal ☐ Anonymous ☐ Pseudonymous ☐ Aggregated	**Aggregation Levels:**		

DATA TABLES

Table Name	Table Description	Primary Identifiers	Data Collection Location	Resident and/or Provider	Geographic Codes (Postal, LHIN...)	Data Availability
	Supportive Housing Budget and Returns					Earliest Data: _____ Latest Data: _____ Update Freq.: _____ Mandatory? _____

USAGE CONSTRAINTS

Privacy Constraints	
Restricted Copy Rules	
Derived Works Limitations	

DATA ACCESS

Network Accessibility	☐ None ☐ Internet ☐ Intranet ☐ VPN ☐ SSHA Network ☐ Others:_____
DSS Tools	

SYSTEM REQUIREMENTS

Licensing	
Software Requirements	Windows, Microsoft SQL
User Platform	☐ Web browser ☒ Windows 2000/XP ☐ Mac OS 9 / X ☐ Unix ☐ Linux
Network Requirements	

CONTACTS

Support/Questions	Support Organization	Title	Name	Phone #	E-Mail
Technical Support	Finance and Information Management Branch	Analyst, Info Management	Jiansheng Luo	(416) 327-8722	Jiansheng.Luo@moh.gov.on.ca
General Questions	Finance and Information Management Branch	Senior Financial Analyst	Yolanda Drapiewski	(416) 327-7584	Yolanda.Drapiewski@moh.gov.on.ca

ADDITIONAL NOTES

The Ministry of Municipal Affairs and Housing (MMAH) transferred responsibility for provincially dedicated supportive housing to the Ministry of Health and Long-Term Care on April 1, 1999. At that time, it encompassed 3,109 units in 232 housing projects managed by 83 housing providers. The Regional Offices of the Ministry of Health and Long-Term Care (MOHLTC) provide the supportive housing agencies with funding to support their clients. The Supportive Housing Unit of MOHLTC provides the supportive housing agencies with operating and rent subsidy to cover "bricks and mortar" costs. The operating subsidy is based on operating costs, taxes, mortgage payments and capital reserve allowance. Rent subsidy is calculated based on the difference between unit rent factor and Rent-Geared-to-Income (RGI) revenue. RGI is calculated as 30% of gross income, (less on earned income deduction if applicable) plus or minus utility charges. It is based on a Ministry set scale if the tenant is in receipt of social assistance.

Information Holdings: Provincial Health Services Division (MOHLTC)

10

Claims History Data Base (CHDB)

Data Categories		☒ Clinical	☐ Demographics	☒ Financial	☐ Health HR	☐ Reference	☐ Surveys
		☐ Other: _____					
Health Topics	**Services**	☐ Acute Care	☐ Community Care	☐ Complex Continuing Care			
		☐ Emergency Care	☐ Long-Term Care	☐ Mental Health/Addictions			
		☐ Palliative Care	☐ Primary Care	☐ Rehabilitation	☒ Other: All categories by Service		
	Wait Time Related	☐ Cancer Services		☐ Cardiac Services	☐ Cataract Surgery		
		☐ Hip/Knee Joint Replacement		☐ MRI/CT Scan	☐ Other: _____		
	Age Groups	☒ Children (0-11)	☒ Youth (12-17)	☒ Adult (18-64)	☒ Seniors (65+)		
	Other Topics	☒ Diabetes	☒ Morbidity	☒ Mortality	☒ Osteoporosis		
		☒ Pediatrics	☒ Patient Safety	☐ Prescription Drugs	☒ Trauma/Injuries		
		☒ Women's Health	☐ Other: _____				
Web URL	**Information:**			**Login:**			

Overview

Description

CHDB is the repository of information retained by the ministry relating to medical claims submitted by providers for health care services provided to eligible Ontario residents. The database is used in the assessment and processing of claims and is a financial record of monies paid to a provider for services billed on behalf of Ontario residents. The database is also used to produce personal health histories upon the Ministry of Health and Long-Term Care (MOHLTC) receiving a Freedom of Information (FOI) request. All eligible Ontario residents have the right to request a copy of all of their health history. Freedom of Information and Protection of Privacy Act (FOIPPA) outlines certain information that is to be made available upon request. The data for the personal health histories is extracted from CHDB. The histories are scheduled separately and fall under a different program area.

The database consists of three electronic database DB2 (IBM rational database software) tables:

1) Claim Reference (claim_reference)
2) Claim History (claim_history)
3) Services Not Provided (services_not_prvd)

Both the claim_reference and claim_history tables in CHDB contain all of the approved claims for Ontario residents that are processed through the Medical Claims Assessment System (MASS), a sub-system of the Medical Claims System. (Refer below to the Medical Claims System Overview for a brief summary of the processing system). Claims that have either been proven fraudulent in a court of law or the ministry has determined that a service was not provided, are moved from the claim_reference and claim_history tables and placed in the services_not_prvd table

Info Holding Owner	Registration and Claims Branch (MOHLTC)			
MOHLTC Owns:	☐ Unrestricted Copy ☐ Restricted Copy ☐ Does not own a copy ☒ Not Applicable		**Copy Owner:**	
Target Audience	Health Services Division, Provider Services Branch, ICES, OMA, CIHI, Ontario residents or authorized agents.			
Data Sources	☒ Primary ☐ Secondary	**Sources:**		
Population Groups				
Data Granularity	☒ Personal ☐ Anonymous ☐ Pseudonymous ☐ Aggregated	**Aggregation Levels:**		

DATA TABLES

Table Name	Table Description	Primary Identifiers	Data Collection Location	Resident and/or Provider	Geographic Codes (Postal, LHIN...)	Data Availability	
Claims_history	Payment type, diagnosis, fee schedule code, service date, number of services, amount paid, amount billed, explanatory codes and hospital facility number patient's d.o.b., gender. Patient information includes: health number	Health # Provider #	Service provider's /facility	N/A	Region Code	Earliest Data: Latest Data: Update Freq.: Mandatory?	7 years current monthly yes weekly
Claims_reference	Payment type, diagnosis, fee schedule code, service date, number of services, amount paid amount billed, explanatory codes and hospital facility number, patients d.o.b., gender Patient information includes: health number	Health # Provider #	Service provider's /facility	N/A	Region Code	Earliest Data: Latest Data: Update Freq.: Mandatory?	2 years current monthly yes weekly
Services not provided	Claims paid but later proven to be fraudulent or incorrectly billed	Health #	Service provider's /facility	Both	Region Code	Earliest Data: Latest Data: Update Freq.: Mandatory?	7 years current monthly yes weekly

USAGE CONSTRAINTS

Privacy Constraints	PHIPPA and FOIPPA
Restricted Copy Rules	N/A
Derived Works Limitations	Must be approved by RCB

DATA ACCESS

Network Accessibility	☒ None ☐ Internet ☐ Intranet ☐ VPN ☐ SSHA Network ☐ Others: _____
DSS Tools	

SYSTEM REQUIREMENTS

Licensing	N/A
Software Requirements	IBM DB2
User Platform	☐ Web browser ☐ Windows 2000/XP ☐ Mac OS 9 / X ☐ Unix ☐ Linux
Network Requirements	

CONTACTS

Support/Questions	Support Organization	Title	Name	Phone #	E-Mail

Business Custodian	Registration and Claims Branch	Senior Manager, Business Operations and Claims	Mark Grudzien	(613) 548-6674	Mark.Grudzien@moh.gov.on.ca
System Support	Human Services I&IT Cluster	Project Manager	Dave McNicol	(613) 548-6529	Dave.McNicol@moh.gov.on.ca

ADDITIONAL NOTES

Corporate Provider Database (CPDB)

Data Categories		☐ Clinical ☐ Other: _____	☒ Demographics	☐ Financial	☒ Health HR	☒ Reference	☐ Surveys
Health Topics	**Services**	☐ Acute Care ☐ Emergency Care ☐ Palliative Care	☐ Community Care ☐ Long-Term Care ☐ Primary Care	☐ Complex Continuing Care ☐ Mental Health/Addictions ☐ Rehabilitation	☐ Other: _____		
	Wait Time Related	☐ Cancer Services ☐ Hip/Knee Joint Replacement		☐ Cardiac Services ☐ MRI/CT Scan	☐ Cataract Surgery ☐ Other: _____		
	Age Groups	☐ Children (0-11)	☐ Youth (12-17)	☐ Adult (18-64)	☐ Seniors (65+)		
	Other Topics	☐ Diabetes ☐ Paediatrics ☐ Women's Health	☐ Morbidity ☐ Patient Safety ☐ Other: _____	☐ Mortality ☐ Prescription Drugs	☐ Osteoporosis ☐ Trauma/Injuries		
Web URL	**Information:**			**Login:**			

Overview

Description	The Corporate Provider Database (CPDB) is an integrated repository of health care *stakeholder* registration and program eligibility information used for operational and planning purposes. The database includes individual providers such as physicians, pharmacists, and other practitioners, as well as organizations such as provider groups, hospitals, independent health facilities, primary care groups, and alternate payment providers. CPDB is corporate in nature, in that the data and processing functions are shared by various programs and functional areas across the Ministry. CPDB replaced the Health Resources Register (HRR) as the primary provider registration database in 1995. It is used extensively by OHIP and other Ministry programs to validate a provider's program eligibility. The on-line system facilitates the daily updating of provider data for regulated and non-regulated health care professionals.			
Info Holding Owner	Provider Services Branch (MOHLTC)			
MOHLTC Owns:	☐ Unrestricted Copy ☐ Restricted Copy ☐ Does not own a copy ☒ Not Applicable		**Copy Owner:**	
Target Audience	Health Services Division, and other Ministry program planners			
Data Sources	☒ Primary ☐ Secondary	**Sources**:	1. Practitioners and groups submit applications for program eligibility (e.g. OHIP) and change of information to Ministry offices. 2. An electronic feed of all Ontario licensed physicians is received from the College of Physicians and Surgeons of Ontario (CPSO) to update CPDB weekly.	
Population Groups				
Data Granularity	☒ Personal ☐ Anonymous ☐ Pseudonymous ☐ Aggregated		**Aggregation Levels:**	

DATA TABLES

Table Name	Table Description	Primary Identifiers	Data Collection Location	Resident and/or Provider	Geographic Codes (Postal, LHIN...)	Data Availability
Address	Contains primary practice, secondary practice site(s), mailing, and payment addresses for individual and group health care providers.	Stakeholder Number, Classification Code, Address type	Service Providers	Provider	Postal code, Location code	Earliest Data: see note Latest Data: current Update Freq. daily Mandatory? No
Affiliation	Identifies the association between individual providers and groups/institutions, and provider groups and institutions.	Primary Stakeholder Number, Primary Classification Code, Secondary Stakeholder Number, Secondary Classification Code, Affiliation Type	Service Providers	Providers	N/A	Earliest Data: see note Latest Data: current Update Freq. daily Mandatory? No
Agreement	Identifies the programs (e.g. contracts) each provider is eligible for (e.g. OHIP fee-for-service, under-serviced area program, alternative payment, primary care, etc).	Stakeholder Number, Classification, Agreement Type	Service providers	Provider	N/A	Earliest Data: see note Latest Data: current Update Freq.: daily Mandatory? No
Banking	Contains banking information used for direct bank deposit of Ministry payments.	Billing Number	Service providers	Provider	N/A	Earliest Data: see note Latest Data: current Update Freq.: daily Mandatory? No
Claims Submission Characteristics	Identifies characteristics of the agreements between the provider and the Ministry of Health & Long-Term Care.	Billing Number	Service providers	Provider	N/A	Earliest Data: see note Latest Data: current Update Freq.: daily Mandatory? No
Licence	Contains licence number, restrictions and status for all regulated health professions.	Stakeholder Number, Classification Code	Service providers	Provider	N/A	Earliest Data: see note Latest Data: current Update Freq.: Daily Mandatory? No
Organization Characteristics	Contains demographic data, classification, and status for all organization providers.	Stakeholder Number	Service providers	Provider	N/A	Earliest Data: see note Latest Data: current Update Freq. daily Mandatory? Yes
Practitioner Characteristics	Name, data of birth, death date, gender for all individual providers.	Stakeholder Number	Service providers	Provider	N/A	Earliest Data: see note Latest Data: current Update Freq.: daily Mandatory? Yes

DATA TABLES

Table Name	Table Description	Primary Identifiers	Data Collection Location	Resident and/or Provider	Geographic Codes (Postal, LHIN...)	Data Availability
Specialty	Certified and payment specialty information for individual providers.	Stakeholder Number, Classification	Service providers	Provider	N/A	Earliest Data: see note Latest Data: current Update Freq.: daily Mandatory? No
Training	Educational training information for regulated health professionals.	Stakeholder Number	Service providers	Provider	N/A	Earliest Data: see note Latest Data: current Update Freq.: daily Mandatory? No

USAGE CONSTRAINTS

Privacy Constraints	The database contains personal information
Restricted Copy Rules	
Derived Works Limitations	

DATA ACCESS

Network Accessibility	☐ None ☐ Internet ☐ Intranet ☐ VPN ☐ SSHA Network ☒ Others: MOHLTC LAN, GO-Net
DSS Tools	Hummingbird BI/Query

SYSTEM REQUIREMENTS

Licensing	Data query software (BI/Query).
Software Requirements	On-Line - 3270 Screen IMS/DC; Query - DB2 Connectivity for BI/Query.
User Platform	☐ Web browser ☒ Windows 2000/XP ☐ Mac OS 9 / X ☐ Unix ☐ Linux
Network Requirements	Mainframe Access to GO-Net Host explorer screen with valid user account privileges

CONTACTS

Support/Questions	Support Organization	Title	Name	Phone #	E-Mail
Information	Physician Services, MOHLTC	Manager, Physician Accountability and Payment Office	Julian Young	(613) 536-3131	Julian.Young@moh.gov.on.ca
Information	Physician Services, MOHLTC	Coordinator Business Analysis	Juanita Wilson	(613) 536-3040	Juanita.Wilson@moh.gov.on.ca

ADDITIONAL NOTES

1. The earliest effective date varies by table.
2. CPDB data is maintained permanently and is not archived.
3. Capturing all data elements within a table is not always mandatory but there are edits within the on-line system which ensure related data elements are captured when necessary (e.g. address, training and license are mandatory before a provider agreement call be created).

Laboratory Inspection and Licensing Information (LILI) Database

Data Categories		☐ Clinical	☒ Demographics	☐ Financial	☒ Health HR	☐ Reference	☐ Surveys
		☒ Other: License information for medical laboratories and specimen collection centers in Ontario					
Health Topics	**Services**	☐ Acute Care	☐ Community Care	☐ Complex Continuing Care			
		☐ Emergency Care	☐ Long-Term Care	☐ Mental Health/Addictions			
		☐ Palliative Care	☐ Primary Care	☐ Rehabilitation	☐ Other: _____		
	Wait Time Related	☐ Cancer Services		☐ Cardiac Services	☐ Cataract Surgery		
		☐ Hip/Knee Joint Replacement		☐ MRI/CT Scan	☐ Other: _____		
	Age Groups	☐ Children (0-11)	☐ Youth (12-17)	☐ Adult (18-64)	☐ Seniors (65+)		
	Other Topics	☐ Diabetes	☐ Morbidity	☐ Mortality	☐ Osteoporosis		
		☐ Paediatrics	☐ Patient Safety	☐ Prescription Drugs	☐ Trauma/Injuries		
		☐ Women's Health	☐ Other: _____				
Web URL	**Information:**	N/A not accessible from Web			**Login:**	N/A	

Overview

Description	The LILI database provides on-line ready access to licensing data for medical laboratories and specimen collection centres licensed under the *Laboratory and Specimen Collection Centre Licensing Act* and its regulations. It allows Laboratories Branch staff to process licence renewals and to track inspections of these licensed facilities. It interfaces with the following external entities - Kingston's OHIP system, the Human Resources Registry (HRR) and the Ontario Medical Association's Quality Management Program-Laboratory Services (QMP-LS).				
Info Holding Owner	Laboratories Branch (MOHLTC)				
MOHLTC Owns:	☐ Unrestricted Copy	☐ Restricted Copy	☐ Does not own a copy	☒Not Applicable	**Copy Owner:**
Target Audience	Laboratories Branch staff				
Data Sources	☒ Primary	☐ Secondary	**Sources**:		
Population Groups	N/A				
Data Granularity	☒ Personal	☐ Anonymous	☐ Pseudonymous	☐ Aggregated	**Aggregation Levels:**

DATA TABLES

Table Name	Table Description	Primary Identifiers	Data Collection Location	Resident and/or Provider	Geographic Codes (Postal, LHIN...)	Data Availability
Lab Identification Table	Contains information about the licensed facility's name and address, the effective and expiry dates of the license, the President's name, Designated Correspondent's name, the license's Owner and Operator address information	Lic_No, Bill_No	Laboratory Inspection and Licensing Information	Provider	Postal Code City Region County OHIP District (The OHIP District is used only for community laboratories for OHIP billing purposes.)	Earliest Data: April 1994 Latest Data: Current Update Freq.: Daily Mandatory? Yes
Class Table	Contains data for the classes of tests that a laboratory can be licensed for	Lic_No, Test_Class	Laboratory Inspection and Licensing Information	Provider		Earliest Data: April 1994 Latest Data: Current Update Freq.: Daily Mandatory? Yes
Test Table	Contains data for the individual tests that a laboratory can be licensed for	Lic_No, Test_Class Test_Code	Laboratory Inspection and Licensing Information	Provider		Earliest Data: April 1994 Latest Data: Current Update Freq.: Daily Mandatory? Yes
Personnel Table	Contains data on all of the technical facility personnel who are employed by a licensed facility	Lic_No Personnel_ID	Laboratory Inspection and Licensing Information	Provider	Position Code Qualification Code	Earliest Data: April 1994 Latest Data: Current Update Freq.: Daily Mandatory? Yes
Inspection Table	Contains data that allows the Branch to schedule inspections of licensed facilities	Lic_No Inspection ID	Laboratory Inspection and Licensing Information	Provider	Postal Code City Region County	Earliest Data: April 1994 Latest Data: Current Update Freq.: Daily Mandatory? Yes
Invoice Table	Contains data that allows the Branch to invoice and collect fees for licensing a facility	Lic_No, Invoice_No	Laboratory Inspection and Licensing Information	Provider		Earliest Data: April 1994 Latest Data: Current Update Freq.: Daily Mandatory? Yes
PIE Table	Contains data that allows the Branch to process applications from facilities to add new tests to their license, to relocate a license, to convert a laboratory license to a specimen collection centre license or vice versa, to license a new facility, to change an operator and/or owner of a license and to transfer of tests within laboratory organizations	Lic_No, Pie_No	Laboratory Inspection and Licensing Information	Provider		Earliest Data: April 1994 Latest Data: Current Update Freq.: Daily Mandatory? Yes

USAGE CONSTRAINTS

Privacy Constraints	
Restricted Copy Rules	
Derived Works Limitations	

DATA ACCESS

Network Accessibility	☐ None ☐ Internet ☐ Intranet ☐ VPN ☐ SSHA Network ☒ Others: MOHLTC LAN
DSS Tools	Microsoft Access Queries, Reports

SYSTEM REQUIREMENTS

Licensing	No user or site licensing is required since the application is developed and maintained in-house.
Software Requirements	Microsoft Access, Microsoft Outlook, Host Explorer
User Platform	☐ Web browser ☒Windows 2000/XP ☐ Mac OS 9 / X ☐ Unix ☐ Linux
Network Requirements	Mapped drive to server share

CONTACTS

Support/Questions	Support Organization	Title	Name	Phone #	E-Mail
	Laboratory Licensing and Inspection Service	Manager	Patricia Anderson	(416) 235-6317	Patricia.Anderson@moh.gov.on.ca

ADDITIONAL NOTES

Laboratory (LABRYNTH) System

Data Categories		☒ Clinical ☒ Demographics ☐ Financial ☐ Health HR ☐ Reference ☐ Surveys ☐ Other: _____					
Health Topics	**Services**	☒ Acute Care ☒ Community Care ☒ Complex Continuing Care ☒ Emergency Care ☒ Long-Term Care ☒ Mental Health/Addictions ☒ Palliative Care ☒ Primary Care ☒ Rehabilitation ☐ Other: _____					
	Wait Time Related	☐ Cancer Services ☐ Cardiac Services ☐ Cataract Surgery ☐ Hip/Knee Joint Replacement ☐ MRI/CT Scan ☐ Other: _____					
	Age Groups	☒ Children (0-11) ☒ Youth (12-17) ☒ Adult (18-64) ☒ Seniors (65+)					
	Other Topics	☐ Diabetes ☒ Morbidity ☒ Mortality ☐ Osteoporosis ☒ Paediatrics ☒ Patient Safety ☐ Prescription Drugs ☐ Trauma/Injuries ☒ Women's Health ☐ Other: _____					
Web URL	**Information:**	N/A		**Login:**	N/A		

Overview

Description	The Labyrinth database holds data from all tests requested and performed by the Virology, Immunodiagnostics, Perinatal, and Preventable Diseases Department of the Ontario Public Health Laboratories.				
Info Holding Owner	Public Health Laboratories Branch (MOHLTC)				
MOHLTC Owns:	☐ Unrestricted Copy ☐ Restricted Copy ☐ Does not own a copy ☒ Not Applicable			**Copy Owner:**	
Target Audience	Ontario Public Health Laboratories				
Data Sources	☒ Primary ☐ Secondary		**Sources:**		
Population Groups	N/A				
Data Granularity	☒ Personal ☒ Anonymous ☐ Pseudonymous ☐ Aggregated			**Aggregation Levels:**	

DATA TABLES

Table Name	Table Description	Primary Identifiers	Data Collection Location	Resident and/or Provider	Geographic Codes (Postal, LHIN...)	Data Availability
testrequest	Test request id, Specimen number, Test code, Test request priority, Test run number, Test requester code, Test requested date	Tsqid	-clinic -private-lab -bleeding station -hospital		Postal Code	Earliest Data: 1985 Latest Data: Current Date Update Freq.: Real-time Mandatory? No
Person	Contact id, Address id, Title of the person, Given names, surname , position, department, phone number, fax number, comment, practitioner id	Personid	-clinic -private-lab -bleeding station -hospital		Postal Code	Earliest Data: 1985 Latest Data: Current Date Update Freq.: Real-time Mandatory? No

DATA TABLES

Table Name	Table Description	Primary Identifiers	Data Collection Location	Resident and/or Provider	Geographic Codes (Postal, LHIN...)	Data Availability
testrun	Testrun number, Test code, Kit batch number, Status code, Worksheet validity, Tester user code, Date test scheduled to be done, Data entry user code, Test result entered date, Test result comment, Testresult machine id	Tsrrun	-clinic -private-lab -bleeding station -hospital		Postal Code	Earliest Data: 1985 Latest Data: Current Date Update Freq.: Real-time Mandatory? No
address	Address comment, Unique 8 digit address code, Type of institution, Name of institution, Country of institution, Institution address	Nadcode	-clinic -private-lab -bleeding station -hospital		Postal Code	Earliest Data: 1985 Latest Data: Current Date Update Freq.: Real-time Mandatory? No
patient	Patient id, Patient surname, Patient given names, Date of birth, Year of birth, Patient sex, Risk factor code, Virus code, city, health card number, patient health card version, hiv ontario observational database id, patient birth time	Patid	-clinic -private-lab -bleeding station -hospital		Postal Code	Earliest Data: 1985 Latest Data: Current Date Update Freq.: Real-time Mandatory? No
specimen	Specimen number, Patient id, Specimen received date, Usercode enterer, Specimen collected date, Specimen volume, priority, address code of sender, persoin id of sender, address to which results are to be sent, poersonid to which results are to nbe sent, specimen history, location code of owner of specimen, specimen storage location code, virus code to be tested senders requisition number, last modidied date, last modified user, final interpretation date, report comments, submission type, transfer_indicator, test reason, exposure date, hold final report indicator, spcdatecreated specimen collected date, extra test request, reference source	Spcnum	-clinic -private-lab -bleeding station -hospital		Postal Code	Earliest Data: 1985 Latest Data: Current Date Update Freq.: Real-time Mandatory? No
testresult	Test queue id, virus, specimen number, test code , test run number, test confirmed positive, need follow up indicator, test date, result, test notes, test type, billing info, billing date, billing amount, last modified date, last modified user, reading dilution last position, result date, suppress result indicator, user code of enterer, usrcode of reporter, reported date	Tsqid	-clinic -private-lab -bleeding station -hospital		Postal Code	Earliest Data: 1985 Latest Data: Current Date Update Freq.: Real-time Mandatory? No
intresult	Patient id, Specimen number, virus, interpreted result code, interpretation comments, user code, interpretation comments, interpretation release date, usrcode of release date, intarchivedate, usrcode of last modified person		-clinic -private-lab -bleeding station -hospital		Postal Code	Earliest Data: 1985 Latest Data: Current Date Update Freq.: Real-time Mandatory? No

USAGE CONSTRAINTS

Privacy Constraints	
Restricted Copy Rules	
Derived Works Limitations	

DATA ACCESS

Network Accessibility	☐ None ☐ Internet ☐ Intranet ☐ VPN ☐ SSHA Network ☐ Others: _____
DSS Tools	

SYSTEM REQUIREMENTS

Licensing	No user or site licensing is required since the application is developed and maintained in-house.
Software Requirements	Microsoft Access, Microsoft Outlook, Host Explorer
User Platform	☐ Web browser ☒Windows 2000/XP ☐ Mac OS 9 / X ☐ Unix ☐ Linux
Network Requirements	Mapped drive to server share

CONTACTS

Support/Questions	Support Organization	Title	Name	Phone #	E-Mail
	Public Health Laboratories Branch (MOHLTC)	Systems Manager	Fan Cheng	(416) 235-5814	Fan.Cheng@moh.gov.on.ca

ADDITIONAL NOTES

Ontario Drug Benefit Program – Health Network System

Data Categories		☒ Clinical ☒ Demographics ☒ Financial ☐ Health HR ☐ Reference ☐ Surveys ☐ Other: _____					
Health Topics	**Services**	☐ Acute Care ☐ Emergency Care ☐ Palliative Care	☒ Community Care ☒ Long-Term Care ☐ Primary Care	☐ Complex Continuing Care ☐ Mental Health/Addictions ☐ Rehabilitation	☒ Other: - Drug Information data		
	Wait Time Related	☐ Cancer Services ☐ Hip/Knee Joint Replacement		☐ Cardiac Services ☐ MRI/CT Scan	☐ Cataract Surgery ☐ Other: _____		
	Age Groups	☒ Children (0-11)	☒ Youth (12-17)	☒ Adult (18-64)	☒ Seniors (65+)		
	Other Topics	☐ Diabetes ☐ Paediatrics ☐ Women's Health	☐ Morbidity ☐ Patient Safety ☐ Other: _____	☐ Mortality ☒ Prescription Drugs	☐ Osteoporosis ☐ Trauma/Injuries		
Web URL	**Information:**	http://www.health.gov.on.ca/english/public/program/drugs/drugs_mn.html http://www.health.gov.on.ca				**Login:**	e-mail:DrugPrograms@moh.gov.on.ca

Overview

Description	The Ontario Drug Benefit (ODB) program database contains prescription claims data for eligible recipients of the program. The data is collected through the Health Network System (HNS) which links all drug dispensing agencies in Ontario to a central ministry electronic system. The HNS provides on-line prescription claims processing and adjudication for the reimbursement of prescription medications for eligible recipients. The database is used to support the operations of the ODB program including reimbursement of dispensing agencies, financial reporting on expenditures, forecasting for future needs and post-payment verification to monitor adherence to policies. The information is also used for research purposes to evaluate drug utilization patterns and prescribing practices. The ODB database contains prescription claims data in the Claims History Database which is linked to the Registered Persons Database (RPDB) (recipient demographic data) and the Corporate Provider Database (CPDB) (prescriber demographic data).			
Info Holding Owner	Drug Programs Branch (MOHLTC)			
MOHLTC Owns:	☐ Unrestricted Copy ☐ Restricted Copy ☐ Does not own a copy ☒ Not Applicable	**Copy Owner:**		
Target Audience	Drug Programs Branch, Institute of Clinical Evaluative Sciences (ICES), Internal/External requests (e.g., patients, other provincial ministries and programs, Federal/Provincial/Territorial groups, clinical researchers, etc.)			
Data Sources	☒ Primary ☒ Secondary	**Sources**:	Submitted by pharmacies and linked with data from RPDB and CPDB	
Population Groups	The Ontario Drug Benefit (ODB) program provides coverage for prescribed medications to eligible recipients including: Ontario residents aged 65 and over, Ontario residents under 65 receiving social assistance, Ontario residents receiving professional services under the Home Care Program, people eligible under the Trillium Drug Program, residents of Long-Term Care facilities and Homes for Special Care. The eligibility of the Ontario residents under 65 receiving social assistance, Ontario residents receiving professional services under the Home Care Program, and people eligible under the Trillium Drug Program tend to be sporadic (i.e., on and off) and may result in an incomplete drug data history.			
Data Granularity	☒ Personal ☐ Anonymous ☐ Pseudonymous ☐ Aggregated	**Aggregation Levels:**	Data aggregated at the patients level (GT 5)	

DATA TABLES

Table Name	Table Description	Primary Identifiers	Data Collection Location	Resident and/or Provider	Geographic Codes (Postal, LHIN...)	Data Availability
	The Claim History Database is a large On-Line Transactional Processing (OLTP) database with linkage capabilities to a large number of different tables. Refer to notes for further information	- Patient's ODB Eligibility Number (usually the HN) - MOH Prescriber ID - Dispensing Agency ID, - LTC Agency ID	Dispensing Agencies		Patient's Postal Code Demographics for prescribers, dispensing agencies and long-term care facilities can be linked to separate data bases using relevant ID code used in the Claim History database	Earliest Data: April 1992 Latest Data: On going Update Freq.: daily Mandatory? Data from April 1992 to March 1996 have been archived and require restoration as required.
Recipient (Patient) information	Name, Sex, Age, ODB eligibility number (usually the OHIP #), Address, postal code, Plan Code and Program identification code and description					
Prescription information	Date of service, Drug identification number (DIN/PIN) , Drug description (brand name, generic name, strength and dosage form), Prescription number, Quantity dispensed, Days supply, Cost components (Drug Cost Paid, Cost Upcharge Paid (Mark-up), Dispensing Fees Paid, Recipient cost and Government cost), medical conditions for use (limited use code), no substitution flag					
Long-Term Care and Homes for Special care information	name, address and other demographic data					
Pharmacy information	name, address and other demographic data					
Pharmacist information	name, address and other demographic data.					
Prescriber information	name, address and other demographic data					

USAGE CONSTRAINTS

Privacy Constraints	Access is limited to Drug Programs Branch and subject to PHIPA and FIPPA
Restricted Copy Rules	N/A
Derived Works Limitations	All outputs must contain anonymized, aggregated data. Small cell counts (<5) must be suppressed.

DATA ACCESS

Data requests to be made directly to Drug Programs Branch for access

Network Accessibility	☒ None ☐ Internet ☐ Intranet ☐ VPN ☐ SSHA Network ☐ Others:
DSS Tools	N/A

SYSTEM REQUIREMENTS

Licensing	Exclusive to Drug Programs Branch
Software Requirements	FOCUS, MS Access, other statistical software, e.g., SAS or SPSS, other main frame softwares that can handle extremely large amount of data.
User Platform	☐ Web browser ☐ Windows 2000/XP ☐ Mac OS 9 / X ☐ Unix ☐ Linux
Network Requirements	N/A

CONTACTS

Support/Questions	Support Organization	Title	Name	Phone #	E-Mail
Information	Drug Programs Branch	Associate director, Pharmaceutical Services Coordination	Angie Wong	(416) 327-8878	Angie.Wong@moh.gov.on.ca

ADDITIONAL NOTES

Drug Information Data - to treat eligible Ontario Drug Benefit recipients for all medical conditions including mental health, palliative care, acute care etc.

For patients less than 65 years of age, utilization data is dependent of eligibility of recipients which can be sporadic in nature (in-out of the system)

Registered Persons Database (RPDB)

Data Categories		☐ Clinical ☒ Demographics ☐ Financial ☐ Health HR ☒ Reference ☐ Surveys ☐ Other: _____				
Health Topics	**Services**	☐ Acute Care ☐ Community Care ☐ Complex Continuing Care ☐ Emergency Care ☐ Long-Term Care ☐ Mental Health/Addictions ☐ Palliative Care ☐ Primary Care ☐ Rehabilitation ☐ Other: _____				
	Wait Time Related	☐ Cancer Services ☐ Cardiac Services ☐ Cataract Surgery ☐ Hip/Knee Joint Replacement ☐ MRI/CT Scan ☐ Other: _____				
	Age Groups	☒ Children (0-11)	☒ Youth (12-17)	☒ Adult (18-64)	☒ Seniors (65+)	
	Other Topics	☐ Diabetes ☐ Morbidity ☐ Mortality ☐ Osteoporosis ☐ Paediatrics ☐ Patient Safety ☐ Prescription Drugs ☐ Trauma/Injuries ☐ Women's Health ☐ Other: _____				
Web URL	**Information:**			**Login:**		

Overview

Description	The Registered Persons Database (RPDB) is a Personal Information Bank, which is a collection of personal information that is organized and can be retrieved by an individual's Health Number. The RPDB is the database containing information on all persons who are registered for the purposes of Ontario health insurance coverage and the Ontario Drug benefits. This database supports the OHIP and ODB claims payments. Health Services Divisions, Registration and Claims Branch maintains the RPDB, which contains more than 12 million records that are updated regularly as a result of registration activities. The RPDB is critical to the functioning of a number of key programs that deliver vital health services to the public (i.e. access to hospital services, access to physician services, access to drug benefits, payment of inter-provincial reciprocal medical and hospital claims, and access to services provided by CCACs, among others). In addition, the database is used by providers to confirm their patients' eligibility for insured health services. This database contains client information such as name, gender, and date of birth, address, citizenship, OHIP/ODB eligibility and Health Card
Info Holding Owner	Registration and Claims Branch (MOHLTC)
MOHLTC Owns:	☐ Unrestricted Copy ☐ Restricted Copy ☐ Does not own a copy ☒ Not Applicable **Copy Owner:**
Target Audience	Health Services Division, Registration & Claims Branch (MOHLTC)
Data Sources	☒ Primary ☐ Secondary **Sources**: MOHLTC Regional Offices
Population Groups	Ontario Residents – all ages
Data Granularity	☒ Personal ☐ Anonymous ☐ Pseudonymous ☐ Aggregated **Aggregation Levels:**

DATA TABLES

Table Name	Table Description	Primary Identifiers	Data Collection Location	Resident and/or Provider	Geographic Codes (Postal, LHIN...)	Data Availability
Registered Persons Database	Name, mailing and residence address, birth date, gender, citizenship, OHIP/ODB eligibility, and Health Card information. Detailed information about the database tables is located on the HSC Information and Information Technology Intranet Site.	Health Number	26 field offices and over 140 outreach sites within six regions across the province of Ontario	Resident (client)	Municipality and Postal Code	Earliest Data: 1990 Latest Data: ongoing Update Freq.: daily Mandatory? _____

USAGE CONSTRAINTS

Privacy Constraints	Personal Health Information Protection Act, 2004
Restricted Copy Rules	Information obtained only by contacting the Knowledge Management and Reporting Branch at MOHLTC
Derived Works Limitations	

DATA ACCESS

Network Accessibility	☐ None ☐ Internet ☐ Intranet ☐ VPN ☐ SSHA Network ☒ Others: Health Card Validation via Integrated Network
DSS Tools	

SYSTEM REQUIREMENTS

Licensing	
Software Requirements	
User Platform	☐ Web browser ☒ Windows 2000/XP ☐ Mac OS 9 / X ☐ Unix ☐ Linux
Network Requirements	

CONTACTS

Support/Questions	Support Organization	Title	Name	Phone #	E-Mail
Registration and Claims Branch	Registration Programs	(A)Sr. Manager	Susan Pinney	(613) 548-6352	Susan.Pinney@moh.gov.on.ca

ADDITIONAL NOTES

Information Holdings: Provincial

Heart and Stroke Foundation of Ontario

11

Canadian Pediatric Ischemic Stroke Registry

Data Categories		☒ Clinical ☒ Demographics ☐ Financial ☐ Health HR ☐ Reference ☐ Surveys ☐ Other: _____
Health Topics	**Services**	☒ Acute Care ☐ Community Care ☐ Complex Continuing Care ☐ Emergency Care ☐ Long-Term Care ☐ Mental Health/Addictions ☐ Palliative Care ☐ Primary Care ☐ Rehabilitation ☐ Other: _____
	Wait Time Related	☐ Cancer Services ☐ Cardiac Services ☐ Cataract Surgery ☐ Hip/Knee Joint Replacement ☐ MRI/CT Scan ☐ Other: _____
	Age Groups	☒ Children (0-11) ☒ Youth (12-17) ☐ Adult (18-64) ☐ Seniors (65+)
	Other Topics	☐ Diabetes ☐ Morbidity ☐ Mortality ☐ Osteoporosis ☒ Paediatrics ☐ Patient Safety ☐ Prescription Drugs ☐ Trauma/Injuries ☐ Women's Health ☐ Other: _____
Web URL	**Information:**	**Login:**

Overview

Description	Canadian Paediatric Ischemic Stroke Registry (CPISR) collects comprehensive population based data on pediatric ischemic stroke (arterial ischemic stroke and sinus thrombosis) CPISR provides information needed for randomized clinical trials testing medical treatments for childhood stroke. The geographic coverage is the 16 pediatric tertiary care centres in Canada (including the 5 Ontario centres)		
Info Holding Owner	The Hospital for Sick Children, Research Institute		
MOHLTC Owns:	☐ Unrestricted Copy ☐ Restricted Copy ☒ Does not own a copy ☐ Not Applicable	**Copy Owner:**	CPISR Study Group, The Hospital for Sick Children
Target Audience	Database is used for research publications by the CPISR Study Group		
Data Sources	☒ Primary ☐ Secondary	**Sources:**	Health records at collaborating children's hospitals
Population Groups	Term infants to 18th birthday with Ischemic stroke in Canada		
Data Granularity	☒ Personal ☒ Anonymous ☐ Pseudonymous ☐ Aggregated	**Aggregation Levels:**	Individual data no personal identifiers

DATA TABLES (Not Available for the Guide)

Table Name	Table Description	Primary Identifiers	Data Collection Location	Resident and/or Provider	Geographic Codes (Postal, LHIN...)	Data Availability
No table information available at time of Data Guide publication.						Earliest Data: _____ Latest Data: _____ Update Freq.: _____ Mandatory? _____

USAGE CONSTRAINTS

Privacy Constraints	Not available to any other than CPISSG (aggregate level), Director and Registry Staff (personal non-identifiable level)
Restricted Copy Rules	
Derived Works Limitations	

DATA ACCESS

Network Accessibility	☒ None ☐ Internet ☐ Intranet ☐ VPN ☐ SSHA Network ☐ Others:_____
DSS Tools	

SYSTEM REQUIREMENTS

Licensing	
Software Requirements	
User Platform	☐ Web browser ☒ Windows 2000/XP ☒ Mac OS 9 / X ☐ Unix ☐ Linux
Network Requirements	

CONTACTS

Support/Questions	Support Organization	Title	Name	Phone #	E-Mail
	The Hospital for Sick Children	Registry Research Coordinator	Marianne Sofronas	(416) 813-8535	
	The Hospital for Sick Children	Director	Dr Gabrielle deVeber	(416) 813-7721	

ADDITIONAL NOTES

Information Holdings: Provincial

Knowledge Management and Reporting Branch (MOHLTC)

12

Health Information Library (Standard Files)

Data Categories		☒ Clinical ☒ Demographics ☐ Financial ☐ Health HR ☐ Reference ☐ Surveys ☐ Other: ____					
Health Topics	**Services**	☒ Acute Care ☐ Community Care ☐ Complex Continuing Care ☐ Emergency Care ☐ Long-Term Care ☐ Mental Health/Addictions ☐ Palliative Care ☐ Primary Care ☐ Rehabilitation ☒ Other: Day Procedures/Day Surgery					
	Wait Time Related	☐ Cancer Services ☐ Cardiac Services ☐ Cataract Surgery ☐ Hip/Knee Joint Replacement ☐ MRI/CT Scan ☐ Other :____					
	Age Groups	☒ Children (0-11) ☒ Youth (12-17) ☒ Adult (18-64) ☒ Seniors (65+)					
	Other Topics	☒ Diabetes ☒ Morbidity ☒ Mortality ☒ Osteoporosis ☒ Paediatrics ☒ Patient Safety ☐ Prescription Drugs ☒ Trauma/Injuries ☒ Women's Health ☐ Other: ____					
Web URL	**Information:**	n/a			**Login:**	n/a	

Overview

Description

The Health Information Library (HIL) is a repository of health information maintained on one of Knowledge Management & Reporting Branch's file servers. The HIL has two purposes:

- Provide an alternative to the Provincial Health Planning Database (PHPDB) for users who wish to run queries involving "heavy-duty" statistical software (e.g. SAS, SPPS)
- Provide an enriched source for researchers and others who are not able to have access to the Provincial Health Planning Database

The Standard Files in the HIL are derived from the CIHI Discharge Abstract Database (DAD) and National Ambulatory Care Reporting System (NACRS) Master Files. The files are designed to contain the variables that are most frequently used for reports/retrievals. Key characteristics are patient location (geography), hospital geography, age, sex, and birth date, admission/discharge information, triage (NACRS only), patient diagnoses, interventions performed when applicable, case groupers and resource weighting. A feature of the standard files are the value-added attributes, not present in the original sources, designed to make querying easier and more "foolproof" for the end-user.

There are three sets of Standard Files:

1. Acute Inpatient Discharges (From DAD)
2. Day Procedures/Day Surgery (from DAD) – discontinued after fiscal 2002/2003
3. Ambulatory Visits (from NACRS)

The Standard Files are maintained by KMRB's Registry and Retrieval Services unit. See Contacts below for more information.

Info Holding Owner	Knowledge Management & Reporting Branch (MOHLTC) – holder and creator of standard files		
MOHLTC Owns:	☐ Unrestricted Copy ☐ Restricted Copy ☐ Does not own a copy ☒ Not Applicable	**Copy Owner:**	n/a
Target Audience	Planning and decision support staff in the ministry, Public Health Units, Regional Offices, LHINs and academic health researchers		
Data Sources	☐ Primary ☒ Secondary	**Sources**:	CIHI Discharge Abstract Database (DAD), CIHI National Ambulatory Care Reporting System (NACRS)
Population Groups	Geo. – Region, County, Municipality, PHU, Postal Code, LHIN, DHC (for historical reference) Coverage Level – Varies with source		
Data Granularity	☒ Personal ☒ Anonymous ☐ Pseudonymous ☐ Aggregated	**Aggregation Levels:**	None. Users need to do their own aggregations

DATA TABLES

File Name	File Description	Primary Identifiers	Data Collection Location	Resident and/or Provider	Geographic Codes (Postal, LHIN...)	Data Availability	
Acute Inpatient Discharges Standard File	Derived from DAD Acute Inpatient Abstract. Includes patient demographics, patient/hospital geographic identifiers, admission/discharge information, case disposition, length of stay, clinical diagnoses, interventions performed, case groupers and case weights	Encrypted HN, Master Number of Reporting Institution	Hospitals via CIHI	Resident & Institution/ Provider	Region, County, Municipality, PHU, LHINs,	Earliest Data: Latest Data: Update Freq.: Mandatory?	FY 1995-96 FY 2003-04 Annual Yes
Day Procedures Standard File	Derived from DAD Day Procedures/Day Surgery Abstract. Includes patient demographics, patient/hospital geographic identifiers, admission/discharge information, case disposition,clinical diagnoses, interventions performed, case groupers and case weights Note: System discontinued after 2002/2003. Data now reported to NACRS	Encrypted HN, Master Number of Reporting Institution	Hospitals via CIHI	Resident & Institution/ Provider	Region, County, Municipality, PHU, LHINs,	Earliest Data: Latest Data: Update Freq.: Mandatory?	FY 1995-96 FY 2002-03 n/a Yes
Ambulatory Care Visits Standard File	Derived from the National Ambulatory Care Reporting System. Covers Ambulatory Care in Ontario hospitals including Emergency Room and beginning in 2003/2004, Day Surgery, Med/Day Night Care and selected high-cost ambulatory clinics. Data includes patient demographics, patient/hospital geographic identifiers, admission/triage/discharge information, triage (ER only), various milestone dates/times, visit disposition, clinical diagnoses, interventions performed, case groupers and case weights	Encrypted HN, Master Number of Reporting Institution	Hospitals via CIHI	Resident & Institution/ Provider	Region, County, Municipality, PHU, LHINs	Earliest Data: Latest Data: Update Freq.: Mandatory?	FY 2001/02 FY 2003/04 Annual Yes

USAGE CONSTRAINTS

Privacy Constraints	All Heath Numbers are encrypted using a key/algorithm unique to the HIL. The files do not contain patient names or street addresses.
Restricted Copy Rules	Data may be copied/downloaded in conformance with terms of user licence/research agreement.
Derived Works Limitations	All outputs must contain only aggregated values. Small cell counts (< 5) must be suppressed for confidentiality. The Standard Files are for retrievals/reporting only and cannot be used as a data "feed" for any other database or system.

DATA ACCESS

Network Accessibility	☐ None ☐ Internet ☒ Intranet ☒ VPN ☐ SSHA Network ☐ Others:____
DSS Tools	SAS, SPSS, ACCESS, EXCEL or any software capable of reading/processing "flat" ASCII non-delimited text files Users must also have access to a WINZIP or similar software as all files are "zipped" to reduce their size for downloading.

SYSTEM REQUIREMENTS

Licensing	Users must either be currently licenced users of the PHPDB and/or have completed a KMRB research agreement before being given access.
Software Requirements	See DSS Tools
User Platform	☐ Web browser ☒ Windows 2000/XP ☐ Mac OS 9 / X ☐ Unix ☐ Linux
Network Requirements	♦ TCP-IP connection ♦ VPN and PKI accounts are required for remote users Local Area Network through your Internet Service Provider (No Dial-up Modems required)

CONTACTS

Support/Questions	Support Organization	Title	Name	Phone #	E-Mail
General	Knowledge Management & Reporting Branch	Manager, HDDSU	Doug Ramsay	(416) 327-7649	Doug.Ramsay@moh.gov.on.ca
Specific Requests	Knowledge Management & Reporting Branch	Coordinator, RRS	Terry Stevens	(416) 327-7716	Terry.stevens@moh.gov.on.ca

ADDITIONAL NOTES

Standard Files for 2004/2005 is expected to be available in the HIL as follows:

1. Aug. 2005 – Acute Inpatient Discharges
2. Sep. 2005 – Ambulatory Care Visits

KMRB is considering updating the Standard Files at the end of the second and third fiscal quarters as well as the end of the year beginning in fiscal year 2005/2006. Final decision is dependent on availability of resources.

It is expected that more sources will eventually be added to the HIL as user needs become known.

Provincial Health Planning Database (PHPDB)

Data Categories		☒ Clinical ☒ Demographics ☐ Financial ☐ Health HR ☒ Reference ☐ Surveys ☒ Other: _____		
Health Topics	**Services**	☒ Acute Care ☐ Community Care ☒ Complex Continuing Care ☒ Emergency Care ☐ Long-Term Care ☒ Mental Health/Addictions ☐ Palliative Care ☐ Primary Care ☒ Rehabilitation ☐ Other: _____		
	Wait Time Related	☐ Cancer Services ☐ Cardiac Services ☐ Cataract Surgery ☐ Hip/Knee Joint Replacement ☐ MRI/CT Scan ☐ Other: _____		
	Age Groups	☒ Children (0-11) ☒ Youth (12-17) ☒ Adult (18-64) ☒ Seniors (65+)		
	Other Topics	☒ Diabetes ☒ Morbidity ☒ Mortality ☒ Osteoporosis ☒ Paediatrics ☒ Patient Safety ☐ Prescription Drugs ☒ Trauma/Injuries ☒ Women's Health ☒ Other: Any diagnosis/intervention code able in ICD10-CA/CCI		
Web URL	**Information:**	http://portal.healthdss.moh.gov.on.ca/ <available via Intranet only>	**Login:**	n/a

Overview

Description	The Provincial Health Planning Database (PHPDB) is a standardized database of health-related demographic, clinical, and statistical data created/derived from a variety of internal and external sources. It is also know as the Data Warehouse. The data is stored in a relational database for easy do-it-yourself extraction/querying and analysis by a user community within and outside the Ministry using the Hummingbird Bi/Query software suite. The information holding includes selected hospital information, home care information, vital statistics (births and deaths), and population information. Key characteristics are patient location (geography) including LHIN, hospital location, age, sex, and birth date, admission/discharge information, triage (ER only), patient diagnoses, interventions performed when applicable, case groupers and resource weighting. A feature of the database are the value-added attributes, not present in the original sources, designed to make querying easier and more "foolproof" for the end-user.			
Info Holding Owner	Knowledge Management & Reporting Branch (MOHLTC) – holder and creator of DB			
MOHLTC Owns:	☐ Unrestricted Copy ☐ Restricted Copy ☐ Does not own a copy ☒ Not Applicable		**Copy Owner:**	n/a
Target Audience	Planning and decision support staff in the ministry, Public Health Units, Regional Offices, LHINs and similar organizations.			
Data Sources	☐ Primary ☒ Secondary	**Sources**:	CIHI Discharge Abstract Database (DAD), CIHI National Ambulatory Care Reporting System (NACRS), CIHI Continuing Care Reporting System (CCRS), Ontario Home Care Administration System (OHCAS), OHIP Profiles, Statistics Canada Population Estimates & Projections	
Population Groups	Geo. – Region, County, Municipality, PHU, Postal Code, LHIN, DHC (for historical reference) Coverage Level – Varies with source.			
Data Granularity	☒ Personal ☒ Anonymous ☐ Pseudonymous ☐ Aggregated	**Aggregation Levels:**	Except for population estimates and projections, users need to do their own aggregations	

DATA TABLES

Table Name	Table Description	Primary Identifiers	Data Collection Location	Resident and/or Provider	Geographic Codes (Postal, LHIN...)	Data Availability	
Inpatient Discharges	Derived from DAD Abstract. Includes patient demographics, patient/hospital geographic identifiers, admission/discharge information, case disposition, length of stay, clinical diagnoses, interventions performed, case groupers and case weights	Encrypted HN, Master Number of Reporting Institution	Hospitals via CIHI	Resident & Institution/ Provider	Region, County, Municipality, PHU, LHINs	Earliest Data: Latest Data: Update Freq.: Mandatory?	FY 1996/97 FY 2003/04 Annual Yes
Day Procedures	Similar to inpatient discharges except restricted to procedures/surgery performed on a day basis (i.e. non-inpatient)	Encrypted HN, Master Number of Reporting Institution	Hospitals via CIHI	Resident & Institution/ Provider	Region, County, Municipality, PHU, LHINs	Earliest Data: Latest Data: Update Freq.: Mandatory?	FY 1996/97 FY 2002/03 Annual Yes
Ambulatory Care Visits	Derived from the National Ambulatory Care Reporting System. Covers Ambulatory Care in Ontario hospitals including Emergency Room, Day Surgery, Med/Day Night Care and selected high-cost ambulatory clinics. Data includes patient demographics, patient/hospital geographic identifiers, admission/triage/discharge information, various milestone dates/times, visit disposition, clinical diagnoses, interventions performed, case groupers and case weights	Encrypted HN, Master Number of Reporting Institution	Hospitals via CIHI	Resident & Institution/ Provider	Region, County, Municipality, PHU, LHINs	Earliest Data: Latest Data: Update Freq.: Mandatory?	FY 2001/02 FY 2003/04 Annual Yes
Complex Continuing Care (colloquially called Chronic Hospitals)	Derived from the Complex Continuing Care Reporting System. Covers patients/residents in Ontario Complex Continuing Care institutions. Data includes patient demographics, patient/hospital geographic identifiers, admission/discharge information, various assessment dates/times, visit disposition, patient conditions, case groupers and case weights	Encrypted HN, Master, Number of Reporting Institution, Unique Case Identifier (URI)	Hospitals via CIHI	Resident & Institution/ Provider	Region, County, Municipality, PHU, LHINs	Earliest Data: Latest Data: Update Freq.: Mandatory?	Jul 1996 Jun 2003 Annual Yes
Inpatient Rehabilitation	Derived from the National Rehabilitation Reporting System. Covers adult patients in Ontario inpatient rehabilitation institutions. Data includes patient demographics, patient hospital geographic identifiers, admission discharge/information, FIM assessment information collected at admission and discharge, and rehab. related diagnostic information	Encrypted HN, Master, Number of Reporting Institution, Unique Episode Number	Hospitals via CIHI	Resident & Institution/ Provider	Region, County, Municipality, PHU, LHINs	Earliest Data: Latest Data: Update Freq.: Mandatory?	Oct 2002 March 2005 Annual Yes
Home Care (OHCAS)	Derived from the Ontario Home Care Administration System. Contains Home Care client registration and service information. Data includes client demographics, client geographic identifiers, admission/referral/discharge information, case disposition, diagnosis, services ordered/delivered	Encrypted HN, Home Care/CCAC Program Number	CCAC	Resident & Institution/ Provider	Region, County, Municipality, PHU, LHINs (limited)	Earliest Data: Latest Data: Update Freq.: Mandatory?	FY1999/00 ~June 2005 TBD Yes

DATA TABLES

Table Name	Table Description	Primary Identifiers	Data Collection Location	Resident and/or Provider	Geographic Codes (Postal, LHIN...)	Data Availability	
Medical Services	Derived from OHIP Profiles/Detailed Claims. Contains Fee-for-Service and some Shadow Billing data. Data includes patient and provider demographics, geographic identifiers, date of service, OHIP specialty code, Fee Schedule Code and volume of services. There is no financial information (Amount Billed/Amount Paid etc.)	Encryted HN, Encrypted Provider Number	MOHLTC (OHIP)	Resident & Provider	Region, County, Municipality, PHU, LHINs	Earliest Data: Latest Data: Update Freq.: Mandatory?	FY 2001-02 FY 2003-04 Annual Yes
Ontario Residents	Selected attributes from the OHIP Registered Persons Database. Data includes age, sex, postal code, effective dates, termination code	Encrypted HN	MOHLTC	Resident	Postal Code, other levels can be derived by user	Earliest Data: Latest Data: Update Freq.: Mandatory?	FY 1991-92 FY 2003-04 Annual Yes
Populations	Counts, estimates and projections approved by Ministry of Finance	N/A	Statistics Canada/MOF	n/a	Region, DHC, County, Municipality, PHU, LHINs (Estimates only)	Earliest Data: Latest Data: Update Freq.: Mandatory?	Est. 1986 Proj. 2004 Est. 2004 Proj. 20231 When available n/a
Vital Statistics	Live births and deaths and stillbirths occurring in Ontario	Encrypted Registration Number	Office of the Registrar General of Ontario via Statistics Canada	Resident & Location of Incident (Birh, Death)	Region, DHC, County, Municipality, PHU, LHINs	Earliest Data: Latest Data: Update Freq.: Mandatory?	CY 1986 CY 2001 Annual Yes

USAGE CONSTRAINTS

Privacy Constraints	All Heath Numbers and Provider Numbers are encrypted using a key/algorithm unique to the DB. The database does not store patient names or street addresses.
Restricted Copy Rules	The PHPDB cannot be copied in whole or in part except as described below under Derived Works Limitations
Derived Works Limitations	All outputs must contain only aggregated values. Small cell counts (< 5) must be suppressed for confidentiality. By special arrangement single records can be extracted on a one-time only basis. Under the terms of the license, the PHPDB cannot be used as a data "feed" for any other database or system.

DATA ACCESS

Network Accessibility	☐ None ☐ Internet ☒ Intranet ☒ VPN ☐ SSHA Network ☐ Others:_____
DSS Tools	Hummingbird BI/Query software only. Aggregated information obtained through BI/Query may be downloaded for use in any appropriate software package (e.g. Microsoft Excel) but no other software may be used to connect/query the database. Submission of "raw" SQL queries is also not permitted. SAS Enterprise Guide is being evaluated as an alternate query/analysis tool.

SYSTEM REQUIREMENTS

Licensing	User organizations and all individuals wishing to use the database are required to sign an annually renewable License Agreement governing their access to the database. Users must complete a two day training course covering the use of the BI/Query software and an introduction to the data. Persons interested in becoming a Provincial Health Planning Database user will need to complete a "PHPDB User Application" form (at http://portal.healthdss.moh.gov.on.ca/) and fax or mail it to the Knowledge Management & Reporting Branch at the address indicated on the form.
Software Requirements	Hummingbird BI/Query User version 8.1.
User Platform	☐ Web browser ☒ Windows 2000/XP ☐ Mac OS 9 / X ☐ Unix ☐ Linux
Network Requirements	♦ TCP-IP connection ♦ VPN and PKI accounts are required for remote users ♦ Local Area Network through your Internet Service Provider (No Dial-up Modems required)

CONTACTS

Support/Questions	Support Organization	Title	Name	Phone #	E-Mail
General	Knowledge Management & Reporting Branch	Manager, HDDSU	Doug Ramsay	(416) 327-7649	Doug.Ramsay@moh.gov.on.ca
Data Content Questions	Knowledge Management & Reporting Branch	Data Planning Analyst, PDT	Bill Reid	(416) 327-7725	Bill.W.Reid@moh.gov.on.ca

ADDITIONAL NOTES

PHPDB is considering updating Inpatient Discharges and Ambulatory Visits at the end of the second and third fiscal quarters as well as the end of the year beginning in fiscal year 2005/2006. Final decision is dependent on availability of resources.

Information Holdings: Provincial

Ministry of Children's Services

13

Children In Need of Treatment (CINOT)

Data Categories		☐ Clinical	☒ Demographics	☒ Financial	☒ Health HR	☐ Reference	☐ Surveys
		☒ Other: _____					
Health Topics	**Services**	☐ Acute Care	☐ Community Care	☐ Complex Continuing Care			
		☐ Emergency Care	☐ Long-Term Care	☐ Mental Health/Addictions			
		☐ Palliative Care	☐ Primary Care	☐ Rehabilitation	☒ Other: Dental Care		
	Wait Time Related	☐ Cancer Services		☐ Cardiac Services	☐ Cataract Surgery		
		☐ Hip/Knee Joint Replacement		☐ MRI/CT Scan	☒ Other: Public Health		
	Age Groups	☒ Children (0-11)	☒ Youth (12-17)	☐ Adult (18-64)	☐ Seniors (65+)		
	Other Topics	☐ Diabetes	☐ Morbidity	☐ Mortality	☐ Osteoporosis		
		☐ Paediatrics	☐ Patient Safety	☐ Prescription Drugs	☐ Trauma/Injuries		
		☐ Women's Health	☐ Other: _____				
Web URL	**Information:**			**Login:**			

Overview

Description

The Ontario Ministry of Health and Long-Term Care (MOHLTC) offers a financial assistance program for children whose teeth are in need of emergency or essential care through the Children In Need of Treatment (CINOT) The program is managed and administered by the province's Public Health Units. The program provides treatment to children from birth to Grade Eight who have an urgent need and whose parents declare financial hardship. The program is funded by the MOHLTC and administered by the Public Health Units of Ontario. Demographic and treatment data for each claim are entered into the Ministry's CINOT Database.

To be eligible for the CINOT program a child must: be in elementary school or 0-13 years of age; be identified as having an urgent dental condition; have no dental insurance or any other coverage and declare that the cost of treatment would create a financial hardship. All children must be screened by a Public Health Hygienist before they can be admitted to the program. The majority of children are identified through the Public Health Unit's targeted school dental screening, referral and follow-up activities. Teachers and parents may also request that the Health Unit screen a child if they believe the child would quality for CINOT. Children who are accepted into the CINOT program may choose any dentist in the community. Only basic dental treatment (e.g. x-rays, fillings and extractions) is covered under the program. All dentists receive a copy of the services covered by CINOT. Some more complex services require prior authorization from the Health Unit before they can be done. Preventive services are usually provided through the Health Unit free of charge. When a dentist accepts a CINOT covered patient, he/she is not permitted to bill the parent or guardian for covered services. However, if the parent or guardian consents to additional services not covered by the CINOT program, the dentist will bill them directly.

Info Holding Owner	Public Health Division (MOHLTC)		
MOHLTC Owns:	☐ Unrestricted Copy Restricted Copy ☐ Does not own a copy ☒ Not Applicable	**Copy Owner:**	
Target Audience	Public Health Units		
Data Sources	☒ Primary ☐ Secondary	**Sources:**	Client demographics, dentist treatment information
Population Groups	Children aged 0 through 13		
Data Granularity	☒ Personal ☐ Anonymous ☐ Pseudonymous ☐ Aggregated	**Aggregation Levels:**	

DATA TABLES

Table Name	Table Description	Primary Identifiers	Data Collection Location	Resident and/or Provider	Geographic Codes (Postal, LHIN...)	Data Availability
Administrative	Claim year, claim number, claim cost and amount paid, treatment date, treatment fee	Dentist unique ID; Internal key linked to demographic	Schools; public health units, dental offices	Provider	Linked to demographic	Earliest Data: 1989 Latest Data: Current Update Freq.: Annual Mandatory? Yes
Demographic	Public health unit, date of birth, gender, family benefits assistance, general welfare assistance, referral source	Health card number, internal key	Schools; public health units, dental offices	Resident and provider	Residence address including postal code; Dneitst's address	Earliest Data: 1989 Latest Data: Current Update Freq.: Annual Mandatory? Yes
Dental Procedures	Dental procedure, tooth treated (where applicable), tooth surface treated (where applicable)	Internal key linked to Administrative	Schools; public health units, dental offices	Provider	NA	Earliest Data: 1989 Latest Data: Current Update Freq.: Annual Mandatory? Yes

USAGE CONSTRAINTS

Privacy Constraints	CINOT contains personal medical and financial information protected under HIPPA.
Restricted Copy Rules	MOHLTC maintains a non nominal version for reporting and administrative purposes only.
Derived Works Limitations	N/A

DATA ACCESS

Network Accessibility	☐ None ☐ Internet ☐ Intranet ☐ VPN ☐ SSHA Network ☒ Others: Win/Novell in PHUs
DSS Tools	3rd party tools permitted

SYSTEM REQUIREMENTS

Licensing	CINOT was developed in-house and is owned by the MOHLTC.
Software Requirements	CINOT runs on most Windows platforms (Min95/98/XP/NT/2000/2003) using a Visual FoxPro 5 runtime
User Platform	☐ Web browser ☒ Windows 2000/XP ☐ Mac OS 9 / X ☐ Unix ☐ Linux
Network Requirements	

CONTACTS

Support/Questions	Support Organization	Title	Name	Phone #	E-Mail
Application Architect	Health Care Programs I & IT – Health Services	Application Architect	Marty Sargent	(416) 327-8470	Marty.Sargent@moh.gov.on.ca

ADDITIONAL NOTES

Information Holdings: Provincial

Ministry of Transportation

14

Accident Database System (ADS)

Data Categories		☐ Clinical ☐ Other: _____	☐ Demographics	☐ Financial	☐ Health HR	☐ Reference	☐ Surveys
Health Topics	**Services**	☐ Acute Care ☐ Emergency Care ☐ Palliative Care	☐ Community Care ☐ Long-Term Care ☐ Primary Care	☐ Complex Continuing Care ☐ Mental Health/Addictions ☐ Rehabilitation	☐ Other: _____		
	Wait Time Related	☐ Cancer Services ☐ Hip/Knee Joint Replacement		☐ Cardiac Services ☐ MRI/CT Scan	☐ Cataract Surgery ☐ Other: _____		
	Age Groups	☒ Children (0-11)	☒ Youth (12-17)	☒ Adult (18-64)	☒ Seniors (65+)		
	Other Topics	☐ Diabetes ☐ Paediatrics ☐ Women's Health	☐ Morbidity ☐ Patient Safety ☐ Other: _____	☒ Mortality ☐ Prescription Drugs	☐ Osteoporosis ☒ Trauma/Injuries		
Web URL	**Information:**			**Login:**			

Overview

Description

The Accident Database System (ADS) includes every reportable motor vehicle collision (including farm tractors and snowmobiles) that occurs in the province of Ontario. ADS records information on the basic components of each collision (e.g. road conditions, location), the vehicles involved, the drivers involved, and the persons involved if the collision resulted in at least one injury or fatality. This data is of interest to both public and private sector agencies for education, research, and reference purposes. The data provides public health agencies with useful information for injury prevention programs, such as seat belt and alcohol use by drivers and passengers. The data can be used by researchers to identify cases for case-control studies and, when linked to traffic volume data, can be used to identify areas of high collision incidence.

For each reportable collision that occurs in Ontario, a record is created in the Ministry of Transportation (MTO) mainframe database. This record is based on the information recorded by the attending police officer on the Motor Vehicle Accident Report (Accident Reporting Form - Adobe Acrobat Reader Required) or reported directly by drivers involved in motor vehicle collisions through the Self Reporting Centers located in major Ontario municipalities (Property Damage Only collisions). ADS is updated with any new information related to the collision, or drivers involved (e.g., fatality data from the Chief Coroner's Office). Often, the updates involve a change in the health status of a person involved in the collision (e.g. death following admission to hospital).

Each record in the MTO database consists of three basic elements:

- **Basic collision information:** each record includes reportable motor vehicle collision and consists of information such as the collision location, time and date, road conditions, road characteristics, environmental conditions, events contributing to the collision occurrence, etc.
- **Driver/vehicle information:** each record includes driver/vehicle involved in motor vehicle collision and consists of information about driver's age, driver's gender, driver's condition, driver action, vehicle type, vehicle speed, vehicle maneuver, vehicle condition, province of vehicle registration, etc.

Involved person information: each record includes any person involved in fatal or injury collision, and consists of information related to the

	involved person age, gender, position in vehicle, severity of injury, or use of safety equipment.
Info Holding Owner	Road Safety Program Office, Ontario Ministry of Transportation
MOHLTC Owns:	☐ Unrestricted Copy ☐ Restricted Copy ☒ Does not own a copy ☐ Not Applicable **Copy Owner:**
Target Audience	Provincial Government, Transport Canada, Traffic Injury Research Foundation, road safety researchers.
Data Sources	☒ Primary ☒ Secondary **Sources**: Primary – police. Secondary: Chief's Coroner Office, MOHLTC, MOE, MAG
Population Groups	All Road Users
Data Granularity	☒ Personal ☐ Anonymous ☐ Pseudonymous ☐ Aggregated **Aggregation Levels:**

DATA TABLES

Table Name	Table Description	Primary Identifiers	Data Collection Location	Resident and/or Provider	Geographic Codes (Postal, LHIN...)	Data Availability
Basic	Basic collision information (date, time, impact type, collision location, impact location, traffic control, light, etc.)	Collision identification number (microfilm #)	Scene of collision, collision self reporting centres	Police	Linear Highway Reference System LHRS (for provincial highways only)	Earliest Data: 1988 Latest Data: 2003 Update Freq.: annually Mandatory? yes
Driver/Vehicle	Information about driver/vehicle involved in collision	Microfilm #, driver license number	Scene of collision, collision self reporting centres	Police	N/A	Earliest Data: 1988 Latest Data: 2003 Update Freq.: annually Mandatory? yes
Involved Persons	Information about persons involved in fatal or injury collisions (only)	Microfilm #	Scene of collision, collision self reporting centres	Police	N/A	Earliest Data: 1988 Latest Data: 2003 Update Freq.: annually Mandatory? yes
Fatality Information	Names of Motor Vehicle Collision fatalities	Microfilm #, last name, first name	Scene of collision, collision self reporting centres	Police	N/A	Earliest Data: 1988 Latest Data: 2003 Update Freq.: annually Mandatory? yes

USAGE CONSTRAINTS

Privacy Constraints	FIPPA (Freedom of Information and Protection of Privacy Act)
Restricted Copy Rules	N/a
Derived Works Limitations	N/a

DATA ACCESS

Network Accessibility	☐ None ☐ Internet ☐ Intranet ☐ VPN ☐ SSHA Network ☒ Others: Local Area Network
DSS Tools	

SYSTEM REQUIREMENTS

Licensing	Yes
Software Requirements	FOCUS programming language, VMS, TSO, ISPF
User Platform	☐ Web browser ☐ Windows 2000/XP ☐ Mac OS 9 / X ☒ Unix ☐ Linux
Network Requirements	Local Area Network

CONTACTS

Support/Questions	Support Organization	Title	Name	Phone #	E-Mail
Questions	Ministry of Transportation, RSPO		Chris Janusz	(416) 235-3627	Chris.Janusz@mto.gov.on.ca

ADDITIONAL NOTES

Information Holdings: Provincial

Ontario Cancer Research Network

15

Clinical Trial Management System (CTMS)

Data Categories		☐ Clinical ☐ Demographics ☒ Financial ☐ Health HR ☐ Reference ☐ Surveys ☒ Other – Administrative/Document Management				
Health Topics	**Services**	☐ Acute Care ☐ Community Care ☐ Complex Continuing Care ☐ Emergency Care ☐ Long-Term Care ☐ Mental Health/Addictions ☐ Palliative Care ☐ Primary Care ☐ Rehabilitation ☒ Other: Research: oncology/clinical trials				
	Wait Time Related	☐ Cancer Services ☐ Cardiac Services ☐ Cataract Surgery ☐ Hip/Knee Joint Replacement ☐ MRI/CT Scan ☐ Other: _____				
	Age Groups	☐ Children (0-11) ☐ Youth (12-17) ☐ Adult (18-64) ☐ Seniors (65+)				
	Other Topics	☐ Diabetes ☐ Morbidity ☐ Mortality ☐ Osteoporosis ☐ Paediatrics ☐ Patient Safety ☐ Prescription Drugs ☐ Trauma/Injuries ☐ Women's Health ☐ Other: _____				
Web URL	**Information:**	http://www.ocrn.on.ca/default.htm		**Login:**		

Overview

Description

The Clinical Trial Management System is a multi-user information software system that assists hospitals with non-clinical management and financial tracking of cancer clinical trials. Main features include:

- tracking of studies and study status
- development of budgets
- tracking study patients
- tracking costs
- tracking earned revenues
- tracking payments received from study sponsors
- tracking documents, such as Research Ethics Board submissions

The database is segregated for each individual hospital, and no data is shared between or outside of the hospitals.

Info Holding Owner	Individual participating research hospitals			
MOHLTC Owns:	☐ Unrestricted Copy ☐ Restricted Copy ☒ Does not own a copy ☐ Not Applicable		**Copy Owner:**	
Target Audience	Managers of respective hospitals			
Data Sources	☒ Primary ☐ Secondary	**Sources:**		
Population Groups				
Data Granularity	☒ Personal ☐ Anonymous ☐ Pseudonymous ☐ Aggregated		**Aggregation Levels:**	

DATA TABLES

Table Name	Table Description	Primary Identifiers	Data Collection Location	Resident and/or Provider	Geographic Codes (Postal, LHIN...)	Data Availability
Studies	Description of study, and study protocol	Study name Study sponsor Therapeutic Area Phase Arm Names Visit Names All procedures	Cancer clinical trials centre	Provider	Facility	Earliest Data: Not yet in use Latest Data: N/A Update Freq.: Ongoing Mandatory? No
Patients	Patients on studies, and status of each patient	Name Patient ID Study Name Status Arm Visits and Procedures completed	Cancer clinical trials centre	Provider	Facility	Earliest Data: Not yet in use Latest Data: N/A Update Freq.: Ongoing Mandatory? No
Financials	Various financial information related to clinical research studies: budgets, financial events, payments earned, payments received,	Procedure costs Non-patient costs Cheques Received Invoices Payment Milestones	Cancer clinical trials centre	Provider	Facility	Earliest Data: Not yet in use Latest Data: N/A Update Freq.: Ongoing Mandatory? No
Document Tracking	Tracking of documents submitted to Research Ethics Boards, contracts, protocols, etc	Packets Documents Revisions Interactions	Cancer clinical trials centre	Provider	Facility	Earliest Data: Not yet in use Latest Data: N/A Update Freq.: Ongoing Mandatory? No

USAGE CONSTRAINTS

Privacy Constraints	All information is proprietary to respective research hospitals using the CTMS
Restricted Copy Rules	N/A
Derived Works Limitations	N/A

DATA ACCESS

Network Accessibility	☐ None ☒ Internet ☒ Intranet ☐ VPN ☒ SSHA Network ☐ Others _____
DSS Tools	N/A

SYSTEM REQUIREMENTS

Licensing	Not available
Software Requirements	Web browser
User Platform	☒ Web browser ☒ Windows 2000/XP ☐ Mac OS 9 / X ☐ Unix ☐ Linux
Network Requirements	

CONTACTS

Support/Questions	Support Organization	Title	Name	Phone #	E-Mail
	Ontario Cancer Research Network	Director, Clinical Trials Network	Janet Manzo	(416) 977-7599 x311	Janet.Manzo@ocrn.on.ca

ADDITIONAL NOTES

Information Holdings: Provincial

Ontario Joint Replacement Registry

16

Ontario Joint Replacement Registry (OJRR)

Data Categories		☒ Clinical ☒ Demographics ☐ Financial ☐ Health HR ☐ Reference ☐ Surveys ☐ Other: _____				
Health Topics	**Services**	☒ Acute Care ☐ Community Care ☐ Complex Continuing Care ☐ Emergency Care ☐ Long-Term Care ☐ Mental Health/Addictions ☐ Palliative Care ☐ Primary Care ☐ Rehabilitation ☐ Other: _____				
	Wait Time Related	☐ Cancer Services ☐ Cardiac Services ☐ Cataract Surgery ☒ Hip/Knee Joint Replacement ☐ MRI/CT Scan ☐ Other: _____				
	Age Groups	☐ Children (0-11) ☐ Youth (12-17) ☒ Adult (18-64) ☒ Seniors (65+)				
	Other Topics	☐ Diabetes ☒ Morbidity ☐ Mortality ☐ Osteoporosis ☐ Paediatrics ☐ Patient Safety ☐ Prescription Drugs ☐ Trauma/Injuries ☐ Women's Health ☐ Other: _____				
Web URL	**Information:**	http://www.ojrr.ca		**Login:**		

Overview

Description	The Ontario Joint Replacement Registry (OJRR) is a registry funded by the Ministry of Health and Long-Term Care (MOHLTC) through the London Health Sciences Centre (LHSC) as its 'host institution'. The OJRR's mandate, as directed by the Ministry of Health and Long-Term Care, is to maintain a registry database that informs and promotes evidence-based practice to the (MOHLTC), surgeons, and hospitals on primary and revision total hip and knee replacement surgery in Ontario. The OJRR is charged with providing regional and province-wide wait time and operative data to the MOHLTC on total hip and knee replacement surgery in Ontario. The OJRR serves as the Ontario module of the Canadian Joint Replacement Registry (CJRR), housed at CIHI, meaning that OJRR is responsible for submitting Ontario's data to the CJRR. OJRR collects data from orthopaedic surgeons in Ontario who have obtained consent from their patients to submit their demographic, waiting time and surgical data to the OJRR.			
Info Holding Owner	Ontario Joint Replacement Registry (London Health Sciences Centre)			
MOHLTC Owns:	☐ Unrestricted Copy ☐ Restricted Copy ☒ Does not own a copy ☐ Not Applicable		**Copy Owner:**	
Target Audience	Surgeons, MOHLTC, decision and policy-makers, hospital administrators, CJRR (housed at CIHI), health researchers, patients.			
Data Sources	☒ Primary ☐ Secondary	**Sources:**	Demographic data along with referral, consult, decision, and surgery dates are collected in the clinic or secretary's office. Surgical data are collected in the operating room upon completion of the surgery. One-year post-op follow-up surveys are mailed out to patients' residences.	
Population Groups	People in Ontario who are waiting for and/or who have received a total hip or knee replacement.			
Data Granularity	☒ Personal ☐ Anonymous ☐ Pseudonymous ☐ Aggregated	**Aggregation Levels:**		

DATA TABLES

Table Name	Table Description	Primary Identifiers	Data Collection Location	Resident and/or Provider	Geographic Codes (Postal, LHIN...)	Data Availability
Patients	Contains patient demographics	HCN	Hospital / Surgeon's Office	Both	Postal Code, City of residence, LHIN in the future	Earliest Data: 2001 Latest Data: Current Update Freq.: Weekly Mandatory? Yes
Patient Events	Contains information about the event type, date of event, patient associated with event, province of event, hospital of event and is associated with tables identifying surgeon associated with event, MOHLTC planning region where event took place	Internal unique identifier	Hospital / Surgeon's Office	Both	Hospital of Surgery, MOHLTC planning region, LHIN in the future	Earliest Data: 2001 Latest Data: Current Update Freq.: Weekly Mandatory? Yes
Physicians	Contains information to identify surgeon and inception cohort for waiting time data	Internal unique identifier	Hospital / Surgeon's Office	Both	NA	Earliest Data: 2001 Latest Data: Current Update Freq.: Weekly Mandatory? Yes
WOMAC	Contains patient severity at the decision for surgery and at 1-year post-op follow-up	Internal unique identifier	Patient Residence by telephone and mail	Both	NA	Earliest Data: 2001 Latest Data: Current Update Freq.: Weekly Mandatory? Yes
Diagnoses Made	Contains primary and secondary diagnosis at the level of the joint	Internal unique event identifier	Hospital / Surgeon's Office	Both	NA	Earliest Data: 2001 Latest Data: Current Update Freq.: Weekly Mandatory? Yes
Surgeries and Reasons For Revision (2 tables)	Contains information about the side of surgery, the surgical joint, indicates if total hip or knee joint replacement was a primary or a revision and the reason for revision	Internal unique event identifier	Hospital / Surgeon's Office	Both	NA	Earliest Data: 2001 Latest Data: Current Update Freq.: Weekly Mandatory? Yes
Comorbidities and Deformities (2 tables)	Contains ASA Physical Status score at the level of the patient and other joint status information	Internal unique event identifier	Hospital / Surgeon's Office	Both	NA	Earliest Data: 2001 Latest Data: Current Update Freq.: Weekly Mandatory? Yes
Operative Details (4 tables)	At the level of the patient, contains information about prophylactic treatment for deep vein thrombosis and infection, operating room environment and anaesthetic use	Internal unique event identifier	Hospital / Surgeon's Office	Both	NA	Earliest Data: 2001 Latest Data: Current Update Freq.: Weekly Mandatory? No, but required
Devices (3 tables)	At the level of the joint, contains information about the types of surgical devices and their properties	Internal unique event identifier	Hospital / Surgeon's Office	Both	NA	Earliest Data: 2001 Latest Data: Current Update Freq.: Weekly Mandatory? ??

DATA TABLES

Table Name	Table Description	Primary Identifiers	Data Collection Location	Resident and/or Provider	Geographic Codes (Postal, LHIN...)	Data Availability
Surgical Details (4 tables)	At the level of the joint, contains information about the surgical approach used, the use of bone grafts, and details about the use and preparation of cement (if used)	Internal unique event identifier	Hospital / Surgeon's Office	Both	NA	Earliest Data: 2001 Latest Data: Current Update Freq.: Weekly Mandatory? Yes
Waiting Time	Contains information about the number of persons currently waiting for total hip and knee joint replacement	Internal unique event identifier	Hospital / Surgeon's Office	Both	NA	Earliest Data: 2001 Latest Data: Current Update Freq.: Daily Mandatory? Yes
Waited Time	Contains information about the length of wait time for completed cases	Internal unique event identifier	Hospital / Surgeon's Office	Both	NA	Earliest Data: 2001 Latest Data: Current Update Freq.: Weekly Mandatory? Yes

USAGE CONSTRAINTS

Privacy Constraints	Patients provide informed, signed consent. The OJRR is a prescribed entity within Section 39 (1c) of PHIPA. OJRR follows strict data protection, privacy and confidentiality procedures, in compliance with PHIPA. Access to data is provided according to policy that is compliant with PHIPA.
Restricted Copy Rules	Agreement between MOHLTC and OJRR (LHSC) pending.
Derived Works Limitations	Reporting occurs at aggregate level. Cells of # 5 are suppressed. Surgeons may obtain non-aggregated data for their patients only.

DATA ACCESS

Network Accessibility	☐ None ☒ Internet (https, Thawte certificate, user authentication, Web Services allows authorized individuals to import or extract data from the OJRR database into there own system.) ☒ Intranet (ic/tcp to access oracle database within hospital firewall) ☐ VPN ☐ SSHA Network ☐ Others: _____
DSS Tools	Cognos (Impromptu, Powerplay) for extraction, analysis; Toad (SQL based data extract tool); Web services for data extract; SAS, SPSS for analysis

SYSTEM REQUIREMENTS

Licensing	No license requirements for Web services. Toad, COGNOS and Oracle are licensed software.
Software Requirements	Intranet – Windows 2000/xp. Toad and Cognos to access the database. Web services can be accessed with any compliant web service language (e.g. .net, java, PHP, Delphi). (A Web Service is a product supported by Microsoft, Sun, IBM. Web Services is a tool that allows either any Web Services compliant system or platform to access the database via the Internet. Web Services removes dependence on any given platform.)
User Platform	☒Web browser ☒Windows 2000/XP ☐ Mac OS 9 / X ☒Unix ☐ Linux ☒ Other: Web Services Compliant Platform
Network Requirements	Intranet – TCP/IP to access Oracle database. Internet (https) – to access Web services.

CONTACTS

Support/Questions	Support Organization	Title	Name	Phone #	E-Mail
General Questions	Ontario Joint Replacement Registry	Managing Director	Susan Warner	(519) 858-5178	Susan.Warner@lhsc.on.ca
IT applications, decisions support, technical questions	Ontario Joint Replacement Registry	Systems Engineer	Arjo Soer	(519) 858-5177, ext. 24703	John.Soer@lhsc.on.ca
Decision support, database, analysis questions	Ontario Joint Replacement Registry	Director of Data Operations and Research	Dr. Bert Chesworth	(519) 858-5177, ext. 24702	Bert.Chesworth@lhsc.on.ca

ADDITIONAL NOTES

Information Holdings: Provincial

Ontario Physician Human Resources Data Center

17

Active Physician Registry (APR)

Data Categories		☐ Clinical ☐ Demographics ☐ Financial ☒ Health HR ☐ Reference ☐ Surveys ☐ Other: _____				
Health Topics	**Services**	☐ Acute Care ☐ Community Care ☐ Complex Continuing Care ☐ Emergency Care ☐ Long-Term Care ☐ Mental Health/Addictions ☐ Palliative Care ☐ Primary Care ☐ Rehabilitation ☐ Other: _____				
	Wait Time Related	☐ Cancer Services ☐ Cardiac Services ☐ Cataract Surgery ☐ Hip/Knee Joint Replacement ☐ MRI/CT Scan ☐ Other: _____				
	Age Groups	☐ Children (0-11) ☐ Youth (12-17) ☐ Adult (18-64) ☐ Seniors (65+)				
	Other Topics	☐ Diabetes ☐ Morbidity ☐ Mortality ☐ Osteoporosis ☐ Paediatrics ☐ Patient Safety ☐ Prescription Drugs ☐ Trauma/Injuries ☐ Women's Health ☐ Other: _____				
Web URL	**Information:**	https://www.ophrdc.org/Home.aspx		**Login:**		

Overview

Description	The Active Physician Registry contains actively practicing physicians in Ontario. The Ontario Physician Human Resources Data Centre (OPHRDC) is the definitive source for information on physicians and postgraduate medical trainees in Ontario. Located at McMaster University, OPHRDC is a collaborative project of the College of Physicians and Surgeons of Ontario (CPSO), the Ontario Ministry of Health and Long-Term Care (MOHLTC), the Ontario Medical Association (OMA), and the Council of Ontario Faculties of Medicine (COFM). Funding is provided by the Ontario Ministry of Health and Long-Term Care. The contract to develop and operate the OPHRDC was awarded to the McMaster University Faculty of Health Sciences in 1992 and renewed in 2000. Since 1992, OPHRDC has maintained a registry of all licensed physicians practicing in Ontario, the Active Physician Registry. From this registry the OPHRDC produces numerous reports and analyses, including an annual report, Physicians in Ontario (PIO) and numerous special reports based on the annual PIO dataset. OPHRDC also maintains a complementary Ontario Postgraduate Trainee Registry. Each of the Ontario medical schools provides data on postgraduate trainees and transfers data to the OPHRDC central registry for analysis and reporting. An annual report, Postgraduate Medical Trainees in Ontario (PMTIO), and a variety of special reports are prepared from this Registry by the OPHRDC.
Info Holding Owner	Ontario Physician Human Resources Data Centre at McMaster University's Faculty of Health Sciences
MOHLTC Owns:	☐ Unrestricted Copy ☐ Restricted Copy ☒ Does not own a copy ☐ Not Applicable **Copy Owner:**
Target Audience	College Physicians and Surgeons of Ontario, Ontario Medical Association, MOHLTC
Data Sources	☐ Primary ☒ Secondary **Sources:** College of Physicians and Surgeons of Ontario, OHIP Corporate Provider Database, Ontario Medical Association, College of Family Physicians of Canada, Royal college of Physicians and Surgeons of Canada
Population Groups	
Data Granularity	☒ Personal ☐ Anonymous ☐ Pseudonymous ☐ Aggregated **Aggregation Levels:**

DATA TABLES

Table Name	Table Description	Primary Identifiers	Data Collection Location	Resident and/or Provider	Geographic Codes (Postal, LHIN...)	Data Availability
Active Physicians DB	Specialty, location of primary practice, age and sex, retirement plans.					Earliest Data: 1998 Latest Data: 2002 Update Freq.: Annual Mandatory? No

USAGE CONSTRAINTS

Privacy Constraints	Data transfer to the OPHRDC is predicated upon legally stringent agreements covering the confidentiality and use of data.
Restricted Copy Rules	
Derived Works Limitations	

DATA ACCESS

Network Accessibility	☒ None ☐ Internet ☐ Intranet ☐ VPN ☐ SSHA Network ☐ Others _____
DSS Tools	

SYSTEM REQUIREMENTS (Not applicable)

Licensing	
Software Requirements	
User Platform	☐ Web browser ☐ Windows 2000/XP ☐ Mac OS 9 / X ☐ Unix ☐ Linux
Network Requirements	

CONTACTS

Support/Questions	Support Organization	Title	Name	Phone #	E-Mail
	Ontario Physician Human Resources Data Centre (OPHRDC)	Research Coordinator/Database Administrator	Don Hickerson	(905) 525-9140 x22525	
	MOHLTC	Planner	Caroline Abrahams	(416) 327-8331	Caroline.Abrahams@moh.gov.on.ca

ADDITIONAL NOTES

Ontario Postgraduate Medical Trainee Registry (OPMTR)

Data Categories		☐ Clinical ☐ Demographics ☐ Financial ☒ Health HR ☐ Reference ☐ Surveys ☐ Other: _____					
Health Topics	**Services**	☐ Acute Care ☐ Community Care ☐ Complex Continuing Care ☐ Emergency Care ☐ Long-Term Care ☐ Mental Health/Addictions ☐ Palliative Care ☐ Primary Care ☐ Rehabilitation ☐ Other: _____					
	Wait Time Related	☐ Cancer Services ☐ Cardiac Services ☐ Cataract Surgery ☐ Hip/Knee Joint Replacement ☐ MRI/CT Scan ☐ Other: _____					
	Age Groups	☐ Children (0-11) ☐ Youth (12-17) ☐ Adult (18-64) ☐ Seniors (65+)					
	Other Topics	☐ Diabetes ☐ Morbidity ☐ Mortality ☐ Osteoporosis ☐ Paediatrics ☐ Patient Safety ☐ Prescription Drugs ☐ Trauma/Injuries ☐ Women's Health ☐ Other: _____					
Web URL	**Information:**	https://www.ophrdc.org/Home.aspx			**Login:**		

Overview

Description	The Ontario Physician Human Resources Data Centre (OPHRDC) maintains a complementary Ontario Postgraduate Medical Trainee Registry. Each of the Ontario medical schools provides data on postgraduate trainees and transfers data to the OPHRDC central registry for analysis and reporting. An annual report, Postgraduate Medical Trainees in Ontario (PMTIO), and a variety of special reports are prepared from this Registry by the OPHRDC. Located at McMaster University, OPHRDC is a collaborative project of the College of Physicians and Surgeons of Ontario (CPSO), the Ontario Ministry of Health and Long-Term Care (MOHLTC), the Ontario Medical Association (OMA), and the Council of Ontario Faculties of Medicine (COFM). Funding is provided by the Ontario Ministry of Health and Long-Term Care. The contract to develop and operate the OPHRDC was awarded to the McMaster University Faculty of Health Sciences in 1992 and renewed in 2000.						
Info Holding Owner	Ontario Physician Human Resources Data Centre at McMaster University Faculty of Health Sciences						
MOHLTC Owns:	☐ Unrestricted Copy	☐ Restricted Copy	☒ Does not own a copy	☐ Not Applicable	**Copy Owner:**		
Target Audience	College Physicians and Surgeons of Ontario, Ontario Medical Association, MOHLTC						
Data Sources	☐ Primary	☒ Secondary	**Sources**:	Ontario's five medical schools			
Population Groups	Not applicable						
Data Granularity	☒ Personal	☐ Anonymous	☐ Pseudonymous	☐ Aggregated	**Aggregation Levels:**		

DATA TABLES

Table Name	Table Description	Primary Identifiers	Data Collection Location	Resident and/or Provider	Geographic Codes (Postal, LHIN...)	Data Availability
Postgraduate Medical Trainees	University, program, level of training, source of funding, sex, pool					Earliest Data: 1999 Latest Data: 2003 Update Freq.: Annual Mandatory? No

USAGE CONSTRAINTS

Privacy Constraints	Data transfer to the OPHRDC is predicated upon legally stringent agreements covering the confidentiality and use of data.
Restricted Copy Rules	
Derived Works Limitations	

DATA ACCESS

Network Accessibility	☒ None ☐ Internet ☐ Intranet ☐ VPN ☐ SSHA Network ☐ Others:_____
DSS Tools	

SYSTEM REQUIREMENTS (Not applicable)

Licensing	
Software Requirements	
User Platform	☐ Web browser ☐ Windows 2000/XP ☐ Mac OS 9 / X ☐ Unix ☐ Linux
Network Requirements	

CONTACTS

Support/Questions	Support Organization	Title	Name	Phone #	E-Mail
	Ontario Physician Human Resources Data Centre (OPHRDC)	Research Coordinator/Database Administrator	Don Hickerson	(905) 525-9140 ext. 22525	
	MOHLTC	Planner	Caroline Abrahams	(416) 327-8331	Caroline.Abrahams@moh.gov.on.ca

ADDITIONAL NOTES

Physician Hospital Appointments Listing (PHAL)

Data Categories		☐ Clinical ☐ Demographics ☐ Financial ☒ Health HR ☐ Reference ☐ Surveys ☐ Other: ____
Health Topics	**Services**	☐ Acute Care ☐ Community Care ☐ Complex Continuing Care ☐ Emergency Care ☐ Long-Term Care ☐ Mental Health/Addictions ☐ Palliative Care ☐ Primary Care ☐ Rehabilitation ☐ Other: ____
	Wait Time Related	☐ Cancer Services ☐ Cardiac Services ☐ Cataract Surgery ☐ Hip/Knee Joint Replacement ☐ MRI/CT Scan ☐ Other :____
	Age Groups	☐ Children (0-11) ☐ Youth (12-17) ☐ Adult (18-64) ☐ Seniors (65+)
	Other Topics	☐ Diabetes ☐ Morbidity ☐ Mortality ☐ Osteoporosis ☐ Paediatrics ☐ Patient Safety ☐ Prescription Drugs ☐ Trauma/Injuries ☐ Women's Health ☐ Other: ____
Web URL	**Information:**	**Login:**

Overview

Description	The Ontario Physician Human Resources Data Centre (OPHRDC) maintains on behalf of the Ontario Ministry of Health and Long-Term Care (MOHLTC) a database of medical staff appointments in all hospitals in Ontario. Subsequent to their annual renewal of staff appointments, each Ontario hospital provides to OPHRDC a listing which includes the name, specialty and type of appointment of each member of their medical staff. OPHRDC compiles this information and provides an annual report, Physician Hospital Appointments in Ontario, to the MOHLTC. Prior to 2002 this information was collected by MOHLTC staff. OPHRDC was awarded the contract to collect, maintain and develop the PHAL dataset beginning with the 2003 annual renewal. OPHRDC also has custody of 1992-2001 data collected by MOHLTC. Located at McMaster University, OPHRDC is a collaborative project of the College of Physicians and Surgeons of Ontario (CPSO), the Ontario Ministry of Health and Long-Term Care (MOHLTC), the Ontario Medical Association (OMA), and the Council of Ontario Faculties of Medicine (COFM). Funding is provided by the Ontario Ministry of Health and Long-Term Care.
Info Holding Owner	Ontario Physician Human Resources Data Centre at McMaster University Faculty of Health Sciences
MOHLTC Owns:	☒ Unrestricted Copy ☐ Restricted Copy ☐ Does not own a copy ☐ Not Applicable **Copy Owner:**
Target Audience	Ministry of Health and Long-Term Care
Data Sources	☒ Primary ☐ Secondary **Sources**: Medical Staff Offices of all Ontario hospitals.
Population Groups	Not applicable.
Data Granularity	☒ Personal ☐ Anonymous ☐ Pseudonymous ☐ Aggregated **Aggregation Levels:**

DATA TABLES

Table Name	Table Description	Primary Identifiers	Data Collection Location	Resident and/or Provider	Geographic Codes (Postal, LHIN...)	Data Availability
Physician Hospital Appointment Database	Hospital name, city, physician identification, physician specialty, type of medical staff appointment.					Earliest Date: 1992 Latest Date: 2004 Update Freq.: Annual Mandatory? Yes

USAGE CONSTRAINTS

Privacy Constraints	Data transfer to the OPHRDC is predicated upon legally stringent agreements covering the confidentiality and use of data.
Restricted Copy Rules	
Derived Works Limitations	

DATA ACCESS

Network Accessibility	☒ None ☐ Internet ☐ Intranet ☐ VPN ☐ SSHA Network ☐ Others: ____
DSS Tools	

SYSTEM REQUIREMENTS

Licensing	
Software Requirements	
User Platform	☐ Web browser ☐ Windows 2000/XP ☐ Mac OS 9 / X ☐ Unix ☐ Linux
Network Requirements	

CONTACTS

Support/Questions	Support Organization	Title	Name	Phone #	E-Mail
	Ontario Physician Human Resources Data Centre (OPHRDC)	Research Coordinator/Database Administrator	Don Hickerson	(905) 525-9140 ext. 22525	hickers@mcmaster.ca
	MOHLTC	Planner	Caroline Abrahams	(416) 327-8331	Caroline.Abrahams@moh.gov.on.ca

ADDITIONAL NOTES

Information Holdings: Provincial

Pediatric Oncology Group of Ontario

18

Pediatric Oncology Group of Ontario Networked Information System (POGONIS)

Data Categories		☒ Clinical ☒ Demographics ☐ Financial ☐ Health HR ☒ Reference ☐ Surveys ☐ Other: _____				
Health Topics	**Services**	☒ Acute Care ☐ Community Care ☐ Complex Continuing Care ☐ Emergency Care ☒ Long-Term Care ☐ Mental Health/Addictions ☒ Palliative Care ☐ Primary Care ☐ Rehabilitation ☐ Other: _____				
	Wait Time Related	☒Cancer Services ☐ Cardiac Services ☐ Cataract Surgery ☐ Hip/Knee Joint Replacement ☐ MRI/CT Scan ☐ Other: _____				
	Age Groups	☒ Children (0-11) ☒ Youth (12-17 - to 18th Birthday) ☐ Adult (18-64) ☐ Seniors (65+)				
	Other Topics	☐ Diabetes ☒ Morbidity ☒ Mortality ☐ Osteoporosis ☒ Paediatrics ☐ Patient Safety ☒ Prescription Drugs ☐ Trauma/Injuries ☐ Women's Health ☒ Other: surgery/treatment_____				
Web URL	**Information:**	http://www.pogo.ca/pogonis/		**Login:**		

Overview

Description

The Pediatric Oncology Group of Ontario Networked Information System (POGONIS) is a database and registry capturing standardized data on childhood cancer cases and service delivery in Ontario. Each of the five POGO centers across Ontario provides data on the children it cares for, and is able to use POGONIS to track its own statistics regarding patients and service output.

The purpose of POGONIS is to monitor:

- The incidence and prevalence of childhood cancer
- The demand for care
- The nature and specifics of treatment and complications
- Patient outcomes – specifically late effects, second malignancies and relapses
- Long-term effects of childhood cancer and its treatment

Coupled with the knowledge capital represented within POGO's Board, staff, and standing committees, POGONIS is the cornerstone of expert advice and planning for the province. It is a unique source of reliable, validated data that is the basis for:

- Precise estimates of the incidence of, and trends in childhood cancer in Ontario
- Analysis of demand for and delivery of care
- Planning new programs and ensuring decisions about where to locate these are well informed
- Provision of data for multiple research projects
- Population-based research on the POGONIS data itself
- Accurate projections of the number of children to be treated in the future
- Forecasting of staff requirements
- A clear understanding of where the children live in relation to where they are treated, in order to facilitate the strategic location of treatment facilities

	• A summary of key diagnostic and treatment information, the "*Passport to Health*", issued to survivors by their treating hospitals. POGONIS is the core oncology data set used by POGO partner hospitals and enables local data query of their own cases and activity. In 2003, the data fields were expanded to provide for the future tracking of late effects faced by survivors, and services provided in the POGO AfterCare clinics.
Info Holding Owner	Pediatric Oncology Group of Ontario
MOHLTC Owns:	☐ Unrestricted Copy ☐ Restricted Copy ☒ Does not own a copy ☐ Not Applicable **Copy Owner:** n/a
Target Audience	Pediatric oncologist, nursing and behavioral/allied health professionals; cancer researcher; provincial, territorial and ministries of health; decision and policy-makers, Health Canada, Statistics Canada, public health and health care researchers, health care administrators.
Data Sources	☐ Primary ☒ Secondary **Sources**: Tertiary academic science center children's oncology programs
Population Groups	Children 0-17 (up to the 18th birthday); including Ontario residents and out of province, out of country patients, diagnosed/ treated in POGO hospitals.
Data Granularity	☒ Personal ☒ Anonymous ☐ Pseudonymous ☐ Aggregated **Aggregation Levels:** Diagnosis, treating institution, county, region, sex, age, etc

DATA TABLES

Table Name	Table Description	Primary Identifiers	Data Collection Location	Resident and/or Provider	Geographic Codes (Postal, LHIN...)	Data Availability
Diagnosis information	Cancer Type, Date of Diagnosis, Histology Information, ICD O, Site, Institution, Relapse, Second Malignancies, etc	POGO Identification Number	Hospitals		Six Digit Postal Code	Earliest Data: 1985 Latest Data: Current Update Freq.: Continuous Mandatory? _____
Treatment Information	Type of Treatment, Medication Dose, Treatment Date, Treatment Place, Chemotherapy, Complications/Late Effects, etc	POGO Identification Number	Hospitals		Six Digit Postal Code	Earliest Data: 1995 Latest Data: Current Update Freq.: Continuous Mandatory? _____
Demographic Information	Initials, Six Digit Postal Code, Age, Sex, Date of Birth, etc	POGO Identification Number	Hospitals		Six Digit Postal Code	Earliest Data: 1985 Latest Data: Current Update Freq.: Continuous Mandatory? _____

USAGE CONSTRAINTS

Privacy Constraints	Data in cells containing less than 5 entries are not reported. Data for individual institutions is not reported without explicit permission. Access to the database requires application to the Database Administrator and approved by the Medical Director, Database Administrator and Executive Director. POGO was designated a 45.1 entity within the new Ontario Personal Health Information Protection Act (PHIPA) in November 2004 which permits POGO to collect use and disclose personal health information. POGO has in place a comprehensive Privacy, Confidentiality and Security Program. One key element of the program is POGO's statement of principles and policies that guide POGO's operations and informs others of POGO's practices. The principles and policies are reviewed and updated regularly. The principles and policies are set out in the document " *POGO'S Privacy Code*". POGO anticipates review and approval by the Ontario Privacy Commissioner in the summer/fall of 2005 in order to fulfill its 45.1 purposes.
Restricted Copy Rules	Not applicable
Derived Works Limitations	

DATA ACCESS

Network Accessibility	☐ None	☐ Internet	☐ Intranet	☒ VPN	☐ SSHA Network	☒ Others: dial-up
DSS Tools						

SYSTEM REQUIREMENTS

Licensing						
Software Requirements						
User Platform	☐ Web browser	☐ Windows 2000/XP	☐ Mac OS 9 / X	☐ Unix	☐ Linux	☒ Other
Network Requirements						

CONTACTS

Support/Questions	Support Organization	Title	Name	Phone #	E-Mail
	POGO		Bruna DiMonte	(416) 592-1232	bdimonte@pogo.ca

ADDITIONAL NOTES

The POGONIS dataset focuses on the unique dimensions of care of the child with cancer--the malignancies of childhood and care given being distinct from cancer in adults. Its elements define the pediatric oncology population of Ontario and key aspects of its care/service delivery, facilitating planning and decision making for the tiered, integrated Ontario cancer control system.

POGONIS data constitutes the core, standardized data on pediatric oncology cases at participating hospitals. It includes a workload view – of Ontario residents, out of province and out of country patients diagnosed/treated in POGO hospitals. Each case entered has a unique POGO identifier, which under approved conditions, may be matched with identifiers held in contributing hospitals. Local and provincial data queries are enabled.

POGO is in the process of adding an AfterCare dataset to POGONIS, including long-term complications data on survivors of all ages. Aggregate financial, health HR data, surveys, and select community services information are routinely collected and separately held by POGO.

POGO's new status as a Section 45 (1) entity permits the organization to hold personal health identifiers, facilitating linkage with administrative databases for planning purposes. POGO is currently working with the Privacy Commissioner to ensure policies, procedures and the necessary levels of security are in place to realize this designation.

Information Holdings: Provincial

Perinatal Partnership Program of Eastern & South-Eastern Ontario (PPPESO)

19

Niday Perinatal Database

Data Categories		☒ Clinical ☒ Demographics ☐ Financial ☐ Health HR ☐ Reference ☐ Surveys ☐ Other: _____					
Health Topics	**Services**	☒ Acute Care ☐ Community Care ☐ Complex Continuing Care ☐ Emergency Care ☐ Long-Term Care ☐ Mental Health/Addictions ☐ Palliative Care ☐ Primary Care ☐ Rehabilitation ☒ Other: Reproductive, Perinatal and Neonatal Care					
	Wait Time Related	☐ Cancer Services ☐ Cardiac Services ☐ Cataract Surgery ☐ Hip/Knee Joint Replacement ☐ MRI/CT Scan ☐ Other: _____					
	Age Groups	☐ Children (0-11) ☐ Youth (12-17) ☐ Adult (18-64) ☐ Seniors (65+)					
	Other Topics	☐ Diabetes ☐ Morbidity ☐ Mortality ☐ Osteoporosis ☒ Paediatrics ☐ Patient Safety ☐ Prescription Drugs ☐ Trauma/Injuries ☒ Women's Health ☒ Other: Maternal/Newborn (Perinatal) Neonatal Intensive Care and expansion to Growth and developmental outcomes of high risk infants.					
Web URL	**Information:**	n/a			**Login:**	n/a	

Overview

Description

The Niday Perinatal Database is a provincial & regional, Internet-based, real-time surveillance system that collects Ontario birth data, including: risk factors, interventions, health services, and newborn health outcomes.

The Niday Perinatal Database is the most timely and comprehensive source of perinatal information for hospital and home births in Ontario, currently capturing over 90% of all births in the province. The database is in use in over 70 hospitals and midwifery groups across Ontario, and more are joining to system regularly. Most remaining hospital sites are expected to participate in the system by the end of FY 2005/06.

A neonatal module has been recently added to the Niday Database to capture additional information on babies that require NICU care. Additional modules, such as a neonatal follow-up, pediatric care, and an antenatal module, are also being explored.

The Niday Perinatal Database (formerly known as the Eastern and Southeastern Ontario Perinatal Database) is developed, managed and maintained by the Perinatal Partnership Program of Eastern and Southeastern Ontario (PPPESO). It was first implemented in January 1997 in the Eastern and
Southeastern Ontario region. The database was renamed after Patricia Niday (a driving force behind the initial development of the database), the former Executive Director of PPPESO, when she retired in 2001.
Since its initial inception, the database has undergone substantial enhancements. Beginning January 1, 2001, the database was enhanced from a stand-alone computer program, to the web-based CritiCall Ontario platform. Hospitals now enter data directly into the database accessed through an Internet-based screen (hosted by CritiCall Ontario) and can generate reports independently. The perinatal database has also been enhanced to provide more detailed perinatal indicators as well as the addition of a neonatal module. Adoption of the database in Ontario has also expanded considerably over the past 2 years.

Partnerships have been formed with the Public Health Units throughout Ontario so they may access this information for health and program planning, identification of trends and education needs. The real time data makes the analysis more reflective of the need as it provides a current examination of perinatal and neonatal health and care for many health systems partners. To date the information in the database has been used not only by each hospital, but at an aggregate level in network systems, Public Health Units, Early Years programs, and other perinatal

	agencies throughout the province.
Info Holding Owner	Perinatal Partnership Program of Eastern & South-Eastern Ontario (PPPESO)
MOHLTC Owns:	☐ Unrestricted Copy ☐ Restricted Copy ☒ Does not own a copy ☐ Not Applicable **Copy Owner:**
Target Audience	Hospitals, Public Health Units, Midwives, healthcare researchers and planners
Data Sources	☒ Primary ☐ Secondary **Sources:**
Population Groups	Women in the reproductive years and infants < 2years.
Data Granularity	☐ Personal ☐ Anonymous ☐ Pseudonymous ☒ Aggregated **Aggregation Levels:** Hospital, network, regional, provincial

DATA TABLES

Table Name	Table Description	Primary Identifiers	Data Collection Location	Resident and/or Provider	Geographic Codes (Postal, LHIN...)	Data Availability
Niday Perinatal Database	70 variables on Maternal/ Newborn perinatal care outcomes and Obstetrical interventions		Hospital Sites		Postal	Earliest Data: 2001 Latest Data: 2005 Update Freq.: Real time-Daily Mandatory? Participation contract
Niday NICU Module	51 variables on NICU interventions and outcomes		Hospital Sites		Postal	Earliest Data: 2001 Latest Data: 2005 Update Freq.: Real time-Daily Mandatory? Participation contract

USAGE CONSTRAINTS

Privacy Constraints	Surveillance registry, implied consent from individuals to collected personal health information. CritiCall, PPPESO & CHN are agents of the hospitals for repository and co-ordination.
Restricted Copy Rules	n/a
Derived Works Limitations	n/a

DATA ACCESS

Network Accessibility	☐ None ☒ Internet ☐ Intranet ☐ VPN ☐ SSHA Network ☐ Others: _____
DSS Tools	

SYSTEM REQUIREMENTS

Licensing	No
Software Requirements	No
User Platform	☒ Web browser ☐ Windows 2000/XP ☐ Mac OS 9 / X ☐ Unix ☐ Linux
Network Requirements	

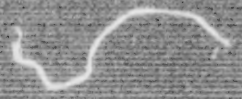
CONTACTS

Support/Questions	Support Organization	Title	Name	Phone #	E-Mail
Provincial co-ordination	PPPESO	Director of Perinatal Systems	Jim Bottomley	(613) 737-2393 x 2133	jbottomley@pppeso.on.ca
Web platform, repository and technical support	CritiCall	Director, Ontario CritiCall Program	Shelley Moneta	(905) 575-6260	moneta@hhsc.ca
GTA Regional Coordinator	The Child Health Network for the GTA	Project Coordinator	Barbara Chapman	(416) 813-6718	Barbara.Chapman@sickkids.ca
Central South and Central West Regional Coordinator	Hamilton Health Sciences	Project Coordinator	Rosemary Frketich	(905) 521-2100 x 76443	frketich@hhsc.ca

ADDITIONAL NOTES

Information Holdings: Provincial

Public Health Division (MOHLTC)



20

Health Planning System (HELPS)

Data Categories		☒ Clinical ☒ Demographics ☐ Financial ☐ Health HR ☐ Reference ☐ Surveys ☐ Other: _____					
Health Topics	**Services**	☐ Acute Care ☐ Community Care ☐ Complex Continuing Care ☐ Emergency Care ☐ Long-Term Care ☐ Mental Health/Addictions ☐ Palliative Care ☐ Primary Care ☐ Rehabilitation ☒ Other: Health status and determinants					
	Wait Time Related	☐ Cancer Services ☐ Cardiac Services ☐ Cataract Surgery ☐ Hip/Knee Joint Replacement ☐ MRI/CT Scan ☐ Other: _____					
	Age Groups	☒ Children (0-11) ☒ Youth (12-17) ☒ Adult (18-64) ☒ Seniors (65+)					
	Other Topics	☐ Diabetes ☒ Morbidity ☒ Mortality ☐ Osteoporosis ☐ Paediatrics ☐ Patient Safety ☐ Prescription Drugs ☒ Trauma/Injuries ☐ Women's Health ☒ Other: Risk factors of chronic diseases					
Web URL	**Information:**			**Login:**			

Overview

Description

The Health Planning System (HELPS) is a statistical analysis data management program used to identify disease and condition trends in Ontario. It is a collection of data files originating from outside the Ministry of Health and Long-Term Care (MOHLTC), from federal and provincial governments and other external agencies. The system is a series of flat files downloadable into SPSS format for use by Ontario's Public Health Units and selected ministry staff The vital statistic component is downloaded by the Knowledge Management and Reporting Branch and converted into SPSS and sent on compact discs to each of the Public Health Units. This is an annual process.

Cancer incidence information is obtained directly from the Cancer Care Ontario (CCO). Previously the CCO provided the data elements to the MOHLTC but presently CCO is promoting direct contact with them for data requests. The Canadian Community Health Survey information is provided directly to the Public Health Units from the Provincial Health Planning Database (PHPDB) in SPSS format. Statistics Canada provides - Census / demographic summary tables and population estimates (age/sex) to the PHPDB. These summary tables are edited and checked by MOHLTC and sent to the Public Health Units. Information related to congenital anomalies is obtained from Statistics Canada in a summary table formatted in Excel. Abortion summary tables are provided through the Knowledge Management and Reporting Branch. The abortion information is derived from CIHI hospitals data and OHIP claims data from clinics.

In addition, the HELPS administrators provide resource support to the data users in the form of documentation, SPSS licensing and training. They also publish articles about health data, collection methods and relevant definitions.

Info Holding Owner	Public Health Division (MOHLTC)				
MOHLTC Owns:	☐ Unrestricted Copy ☐ Restricted Copy ☐ Does not own a copy ☒ Not Applicable			**Copy Owner:**	
Target Audience	Public Health Units				
Data Sources	☐ Primary ☒ Secondary	**Sources:**	Ontario Registrar General, Statistics Canada, Provincial Health Planning Database, Canadian Institute for Health Information (CIHI), and Cancer Care Ontario		
Population Groups	Both sexes, all ages for the vital statistics. Population age 12 and over, both sexes for the health determinants and risk factors.				
Data Granularity	☒ Personal ☒ Anonymous ☐ Pseudonymous ☒ Aggregated	**Aggregation Levels:**	Abortion and congenital anomalies statistics are aggregated at the health unit level.		

DATA TABLES

Table Name	Table Description	Primary Identifiers	Data Collection Location	Resident and/or Provider	Geographic Codes (Postal, LHIN...)	Data Availability	
	Mortality, live births and stillbirths, , cancer incidence, Ontario Health Survey 1990 population, congenital anomalies, abortion.	Nil	Hospitals, doctors, Ontario Registrar General offices, Cancer Care Ontario, and private households in Ontario	Data is attached to both the occurrence & residence of death or births	Census Sub-Division, Health Unit, Census Division. Since 1999, postal codes are also included in the vital statistics data files.	Earliest Data: Latest Data: Update Freq.: Mandatory?	1981 Year 2001 Annual Yes, under the Vital Statistics Act

USAGE CONSTRAINTS

Privacy Constraints	HELPS Databases Policies and Guidelines Agreement (signed by the Medical Officer of Health of Public Health Units)
Restricted Copy Rules	HELPS Databases Policies and Guidelines Agreement (signed by the Medical Officer of Health of Public Health Units)
Derived Works Limitations	Nil

DATA ACCESS

Network Accessibility	☒ None ☐ Internet ☐ Intranet ☐ VPN ☐ SSHA Network ☐ Others:_____
DSS Tools	SPSS

SYSTEM REQUIREMENTS

Licensing	SPSS – Public Health Unit User licenses are procured through Public Health Division.
Software Requirements	SPSS Windows Version, Microsoft Excel
User Platform	☐ Web browser ☒ Windows 2000/XP ☐ Mac OS 9 / X ☐ Unix ☐ Linux
Network Requirements	Nil

CONTACTS

Support/Questions	Support Organization	Title	Name	Phone #	E-Mail
Support and questions	Public Health Division, MOHLTC	Senior Policy Analyst	Michele Weidinger	(416) 327-7627	Michele.weidinger@moh.gov.on.ca

ADDITIONAL NOTES

Immunization Records Information System (IRIS)

Data Categories		☒ Clinical	☒ Demographics	☐ Financial	☒ Health HR	☐ Reference	☐ Surveys
		☒ Other: Immunization					
Health Topics	**Services**	☐ Acute Care	☐ Community Care	☐ Complex Continuing Care			
		☐ Emergency Care	☐ Long-Term Care	☐ Mental Health/Addictions			
		☐ Palliative Care	☐ Primary Care	☐ Rehabilitation	☒ Other: Public Health		
	Wait Time Related	☐ Cancer Services		☐ Cardiac Services	☐ Cataract Surgery		
		☐ Hip/Knee Joint Replacement		☐ MRI/CT Scan	☐ Other: _____		
	Age Groups	☒ Children (0-11)	☒ Youth (12-17)	☐ Adult (18-64)	☐ Seniors (65+)		
	Other Topics	☐ Diabetes	☐ Morbidity	☐ Mortality	☐ Osteoporosis		
		☐ Paediatrics	☐ Patient Safety	☐ Prescription Drugs	☐ Trauma/Injuries		
		☐ Women's Health	☒ Other: Immunization and Tuberculosis testing				
Web URL	**Information:**	n/a		**Login:**	n/a		

Overview

Description

The Immunization Records Information System (IRIS) was developed for public health departments in 1993 to maintain the immunization and tuberculin testing records of all school-aged children within their jurisdictions. Immunization levels are calculated for each of the six diseases (diphtheria, tetanus, polio, measles, mumps and rubella) for which immunization is required under the *Immunization of School Pupils Act (1982)*.

Under the *Immunization of School Pupils Amendment Act, 1984*, parents are directly responsible for the immunization status of their children. Parents are obligated to report any vaccinations their children receive in a doctor's office. This information is collected by the Public Health Units of the province and entered into IRIS. At the moment, measles, mumps, rubella, diphtheria, tetanus, and polio vaccines are the only mandatory vaccines required under the Act. In addition to mandatory vaccines, IRIS typically records all childhood vaccines, especially those that are publicly funded, including Hepatitis B, Varicella, Haemophilus, Pneumococcal and Meningococcal Conjugate C. Starting in 2004 chickenpox and meningitis will be included. This information belongs to the Public Health Units and the units are responsible for producing reports on the immunization status of their areas.

The Ministry of Health and Long-Term Care (MOHLTC) is the facilitator for data transfer and provides the architecture for the application. There is a two-way exchange of data between the Ministry's central immunization database and the individual Public Health Units' databases, to ensure information is correct and available when a child moves between public health units. The system information is aggregated at a high level to be used by policy analysts at the MOHLTC to support the annual business planning. Occasionally, the information is shared with outside health organizations and is published in medical journals and reports.

Info Holding Owner	Public Health Division (MOHLTC)				
MOHLTC Owns:	☐ Unrestricted Copy	☐ Restricted Copy	☐ Does not own a copy	☒ Not Applicable	**Copy Owner:**
Target Audience	MOHLTC, Public Health Branch and Public Health Units				
Data Sources	☐ Primary	☒ Secondary	**Sources:**	Physician records, parental declarations	
Population Groups	IRIS contains immunization information for all school aged children attending registered schools and children attending licensed daycares.				
Data Granularity	☒ Personal	☒ Anonymous	☐ Pseudonymous	☒ Aggregated	**Aggregation Levels:** Public Health Unit

DATA TABLES

Table Name	Table Description	Primary Identifiers	Data Collection Location	Resident and/or Provider	Geographic Codes (Postal, LHIN...)	Data Availability
IR_H	Client and guardian demographic information	Health Card Number; Internal Key	School and Daycare roles	Resident	Attended school or daycare; client residence address including Postal Code	Earliest Data: 1980 Latest Data: Current Update Freq.: Annual Mandatory? Yes
IR_I	Client vaccination records	Health Card Number	Physician records, parental declarations	Linked to IR_H	Linked to IR_H	Earliest Data: 1980 Latest Data: Current Update Freq.: Ongoing Mandatory? Yes
IR_TB	Client Mantoux (TB) test results	Health Card Number	Clinical records	Linked to IR_H	Linked to IR_H	Earliest Data: 1980 Latest Data: Current Update Freq.: Ongoing Mandatory? Yes

USAGE CONSTRAINTS

Privacy Constraints	Immunization information is gathered under the terms of the *Immunization of School Pupils Act* and the *HIPPA*. IRIS contains personal medical information covered under HIPPA.
Restricted Copy Rules	MOHLTC maintains a partial data copy to facilitate forwarding information between Public Health Units where required.
Derived Works Limitations	Low immunization coverage levels may appear in some years, mainly because children are at the age where their booster for a particular vaccine becomes overdue. In most cases, the child has been appropriately immunized, but due to the reporting lag in the IRIS model, the information may not be available for analysis. IRIS data is entered retrospectively when a child enters the school system or daycare. Early childhood vaccine information is not available in real time. Hemophilic influenza type b (Hib) immunization levels data for children under five years of age may be incomplete because it is not a mandatory vaccine. For those children attending day care/nursery schools, the *Day Nurseries Act* requires the operator to collect information on childhood immunization. This is the only method of receiving Hib records and, therefore, the health unit would not have information on those children not attending day care/nurseries. Although Hib is a regular part of a child's immunization schedule, concrete collection methods for this information (and other non-mandatory vaccines) are not in place.

DATA ACCESS

Network Accessibility	☒ None ☐ Internet ☐ Intranet ☐ VPN ☐ SSHA Network ☐ Others:_____
DSS Tools	

SYSTEM REQUIREMENTS

Licensing	IRIS was developed in-house and is owned by MOHLTC.
Software Requirements	The IRIS applications runs in a DOS window on most Windows platforms (Win 95/98/XP/NT, 2000, 2003) using FoxPro 2.6 runtime software.
User Platform	☐ Web browser ☒ Windows 2000/XP ☐ Mac OS 9 / X ☐ Unix ☐ Linux
Network Requirements	Win\Novell

CONTACTS

Support/Questions	Support Organization	Title	Name	Phone #	E-Mail
	Public Health Division	Senior Policy Analyst	Michele Weidinger	(416) 327-7627	michele.weidinger@moh.gov.on.ca

ADDITIONAL NOTES

Reportable Disease Information System (RDIS)

Data Categories		☒ Clinical	☒ Demographics	☐ Financial	☒ Health HR	☐ Reference	☐ Surveys
		☐ Other: _____					
Health Topics	**Services**	☐ Acute Care	☐ Community Care	☐ Complex Continuing Care			
		☐ Emergency Care	☐ Long-Term Care	☐ Mental Health/Addictions			
		☐ Palliative Care	☐ Primary Care	☐ Rehabilitation	☒ Other: Public Health		
	Wait Time Related	☐ Cancer Services		☐ Cardiac Services	☐ Cataract Surgery		
		☐ Hip/Knee Joint Replacement		☐ MRI/CT Scan	☐ Other: _____		
	Age Groups	☒ Children (0-11)	☒ Youth (12-17)	☒ Adult (18-64)	☒ Seniors (65+)		
	Other Topics	☐ Diabetes	☒ Morbidity	☒ Mortality	☐ Osteoporosis		
		☐ Paediatrics	☐ Patient Safety	☐ Prescription Drugs	☐ Trauma/Injuries		
		☐ Women's Health	☒ Other: Reportable disease, adverse vaccine reactions, animal rabies exposure				
Web URL	**Information:**	n/a			**Login:**	n/a	

Overview

Description	The Reportable Disease Information System (RDIS) is used to assist Public Health Units with the case management, reporting and surveillance of reportable diseases within their jurisdiction. The Public Health Units must report all confirmed cases of reportable and communicable disease to the Public Health Branch of the Ontario Ministry of Health and Long-Term Care (MOHLTC). Under the Health Protection and Promotion Act (HPPA) in 1983, mandatory "reportable diseases" are identified and listed. This information is monitored by MOHLTC professional staff. The Public Health Units produce weekly reports for disease control specialists and consultants. Extracts of this information are published yearly by PHD as CD Summary Reports. Professional staff at the Ministry uses this information for planning and public health administration. The RDIS is being replaced by iPHIS (integrated Public Health Information System). Both RDIS and iPHIS will be in place for a period of time until iPHIS is fully implemented at all Ontario Public Health Units by the end of 2005. iPHIS captures the same data as RDIS. In addition to enhanced range and quality of data, iPHIS will provide full case management and outbreak management capabilities not currently available through RDIS.				
Info Holding Owner	Public Health Units, Public Health Division (MOHLTC)				
MOHLTC Owns:	☐ Unrestricted Copy	☒ Restricted Copy	☐ Does not own a copy	☐ Not Applicable	**Copy Owner:** Disease Control Services, Public Health Division
Target Audience	Disease control specialists, MOHLTC policy and planning analysts				
Data Sources	☐ Primary	☒ Secondary	**Sources:**	Lab reports, Physician reports, Public Health Units	
Population Groups	RDIS captures 100% of reported reportable disease incidents				
Data Granularity	☒ Personal	☒ Anonymous	☐ Pseudonymous	☒ Aggregated	**Aggregation Levels:** Public Health Unit

DATA TABLES

Table Name	Table Description	Primary Identifiers	Data Collection Location	Resident and/or Provider	Geographic Codes (Postal, LHIN...)	Data Availability
* See Additional Notes	Reportable disease case information, client demographics	Client name, gender, date of birth	Public Health Units	Resident	Client residence address including Postal code and Municipality; Physician address, Care facility address	Earliest Data: 1980 Latest Data: Current Update Freq.: Ongoing Mandatory? Yes

USAGE CONSTRAINTS

Privacy Constraints	Data are collected under the auspices of HIPPA. HIPPA and PHIPPA allow for the appropriate use, as both the Ministry and Public Health Units are custodians. RDIS contains personal health information covered by HIPPA
Restricted Copy Rules	The MOHLTC hosted RDIS reporting contains only anonymous data.
Derived Works Limitations	The RDIS central reporting receives data through periodic (usually weekly) transmissions from the Public Health Units. This means outbreak and disease trend data is not available in real time.

DATA ACCESS

Network Accessibility	☐ None ☐ Internet ☐ Intranet ☐ VPN ☐ SSHA Network ☒ Others: Telnet
DSS Tools	

SYSTEM REQUIREMENTS

Licensing	RDIS is owned by MOHLTC. Cache is licensed from Intersystem. RDIS was written and purchased from Epic Systems Corp.
Software Requirements	RDIS runs under the Cache environment under Windows NT and Windows 2000.
User Platform	☐ Web browser ☒ Windows 2000/XP ☐ Mac OS 9 / X ☐ Unix ☐ Linux
Network Requirements	Telnet

CONTACTS

Support/Questions	Support Organization	Title	Name	Phone #	E-Mail
	Public Health Division	Senior Policy Analyst	Michele Weidinger	(416) 327-7627	michele.weidinger@moh.gov.on.ca

ADDITIONAL NOTES

Information Holdings: Federal

Canadian Institute for Health Information

21

Canadian Joint Replacement Registry (CJRR)

Data Categories		☒ Clinical ☒ Demographics ☐ Financial ☐ Health HR ☐ Reference ☐ Surveys ☐ Other: _____					
Health Topics	**Services**	☒ Acute Care ☐ Community Care ☐ Complex Continuing Care ☐ Emergency Care ☐ Long-Term Care ☐ Mental Health/Addictions ☐ Palliative Care ☐ Primary Care ☐ Rehabilitation ☐ Other: _____					
	Wait Time Related	☐ Cancer Services ☐ Cardiac Services ☐ Cataract Surgery ☒ Hip/Knee Joint Replacement ☐ MRI/CT Scan ☐ Other: _____					
	Age Groups	☒ Children (0-11)	☒ Youth (12-17)	☒ Adult (18-64)	☒ Seniors (65+)		
	Other Topics	☐ Diabetes ☐ Morbidity ☐ Mortality ☐ Osteoporosis ☐ Paediatrics ☐ Patient Safety ☐ Prescription Drugs ☐ Trauma/Injuries ☐ Women's Health ☐ Other: _____					
Web URL	**Information:**	http://www.cihi.ca			**Login:**		

Overview

Description	The Canadian Joint Replacement Registry (CJRR) captures information on hip and knee joint replacements performed in Canada. It follows joint replacement patients over time to monitor their revision rates and outcomes. Data is collected with patient consent at the time they receive joint replacements. Data is submitted voluntarily by participating surgeons, facilities and provincial registries (where established). This database contains data on hip and knee replacement patients and includes demographics and administration, type of replacement, surgical approach, fixation modes and implant types.			
Info Holding Owner	Canadian Institute for Health Information (CIHI)			
MOHLTC Owns:	☐ Unrestricted Copy ☐ Restricted Copy ☒ Does not own a copy ☐ Not Applicable		**Copy Owner:**	
Target Audience	Orthopaedic surgeons and allied health professions, CIHI, provincial and territorial ministries of health, decision and policy-makers, Health Canada, Statistics Canada, and health care researchers.			
Data Sources	☒ Primary ☐ Secondary	**Sources**:	Data are collected with patient consent at the time they receive joint replacements. Data are submitted voluntarily by participating surgeons, facilities and provincial registries (where established).	
Population Groups				
Data Granularity	☒ Personal ☐ Anonymous ☐ Pseudonymous ☐ Aggregated		**Aggregation Levels:**	

DATA TABLES

Table Name	Table Description	Primary Identifiers	Data Collection Location	Resident and/or Provider	Geographic Codes (Postal, LHIN...)	Data Availability
Hip Replacement	Demographics, diagnosis grouping, surgical approach, and surgical and implant details					Earliest Data: 2001-2002 Latest Data: 2003-2004 Update Freq.: _____ Mandatory? _____
Knee Replacement	Demographics, diagnosis grouping, surgical approach, and surgical and implant details					Earliest Data: 2001-2002 Latest Data: 2003-2004 Update Freq.: _____ Mandatory? _____

USAGE CONSTRAINTS

Privacy Constraints	CIHI has in place a comprehensive Privacy, Confidentiality and Security Program. One key element of the program is CIHI's statement of principles and policies that guides CIHI's operations and informs others of CIHI's practices. The principles and policies are reviewed and updated regularly. The principles and policies are set out in the document Privacy and Confidentiality of Health Information at CIHI: *Principles and Policies for the Protection of Personal Health Information and Policies for Institution-Identifiable Information, 3rd Edition*. See link: http://www.cihi.ca
Restricted Copy Rules	
Derived Works Limitations	

DATA ACCESS

Network Accessibility	☐ None ☒ Internet ☐ Intranet ☐ VPN ☐ SSHA Network ☐ Others: _____
DSS Tools	

SYSTEM REQUIREMENTS

Licensing	
Software Requirements	
User Platform	☒ Web browser ☐ Windows 2000/XP ☐ Mac OS 9 / X ☐ Unix ☐ Linux
Network Requirements	

CONTACTS

Support/Questions	Support Organization	Title	Name	Phone #	E-Mail
	Canadian Institute for Health Information			(416) 481-2002	cjrr@cihi.ca

ADDITIONAL NOTES

The *CJRR Data Elements PDF* document is downloadable from the CIHI website.

Canadian Management Information System Database (CMDB)

Data Categories		☐ Clinical ☐ Demographics ☒ Financial ☐ Health HR ☐ Reference ☐ Surveys ☒ Other: Statistical - Hospital				
Health Topics	**Services**	☒ Acute Care ☐ Community Care ☒ Complex Continuing Care ☒ Emergency Care ☐ Long-Term Care ☒ Mental Health/Addictions ☐ Palliative Care ☐ Primary Care ☒ Rehabilitation ☐ Other: _____				
	Wait Time Related	☐ Cancer Services ☐ Cardiac Services ☐ Cataract Surgery ☐ Hip/Knee Joint Replacement ☐ MRI/CT Scan ☐ Other: _____				
	Age Groups	☐ Children (0-11) ☐ Youth (12-17) ☐ Adult (18-64) ☐ Seniors (65+)				
	Other Topics	☐ Diabetes ☐ Morbidity ☐ Mortality ☐ Osteoporosis ☐ Paediatrics ☐ Patient Safety ☐ Prescription Drugs ☐ Trauma/Injuries ☐ Women's Health ☐ Other: _____				
Web URL	**Information:**	http://www.cihi.ca		**Login:**		

Overview

Description	The Canadian Management Information System Database (CMDB) contains financial and statistical information about hospitals. Formerly known as the Annual Hospital Survey, the CMDB contains financial and statistical information primarily on hospitals with limited data on regional health authorities across Canada. It is part of CIHI's Health Spending Databases. In the provinces/territories where a central database is maintained, the database is populated through a data transfer from the Ministry of Health and Long-Term Care. In other provinces, individual facilities and regional health authorities are surveyed. CIHI produces a document on the Technical Specifications to follow in submitting CMDB data to CIHI. The database contains financial data, such as expenditures by functional area. It also includes the number of earned hours, outpatient visits, and beds staffed and in operation. This is based on the account structure contained in the Guidelines for Management Information Systems in Canadian Health Service Organizations (MIS Guidelines). The MIS Guidelines are the national standards for gathering and processing data, and reporting financial and statistical data on the day-to-day operations of a health service organization. They also provide a framework for integrating clinical, financial and statistical data when service recipient costing is done.				
Info Holding Owner	Canadian Institute for Health Information (CIHI)				
MOHLTC Owns:	☐ Unrestricted Copy ☐ Restricted Copy ☒ Does not own a copy ☐ Not Applicable			**Copy Owner:**	
Target Audience	CIHI, Provincial and territorial ministries of health, decision and policy-makers, Health Canada, Statistics Canada, public health and health care researchers, health care administrators.				
Data Sources	☐ Primary ☒ Secondary	**Sources:**	In provinces/territories where a central database is maintained, the database is populated through a data transfer from MOHLTC. In certain circumstances, individual facilities and regional health authorities submit data directly to CIHI.		
Population Groups					
Data Granularity	☐ Personal ☐ Anonymous ☐ Pseudonymous ☒ Aggregated			**Aggregation Levels:**	

DATA TABLES

Table Name	Table Description	Primary Identifiers	Data Collection Location	Resident and/or Provider	Geographic Codes (Postal, LHIN...)	Data Availability
MIS Guidelines	Chart of Accounts for Statement of Financial Position and Statement of Financial Operations reporting with definitions for Accounting Principles and Procedures, Statistical Principles and Procedures including workload measurement systems indicators and management reporting					Earliest Data: 1995/96 Latest Data: 2002-2003 Update Freq.: _____ Mandatory? _____

USAGE CONSTRAINTS

Privacy Constraints	CIHI has in place a comprehensive Privacy, Confidentiality and Security Program. One key element of the program is CIHI's statement of principles and policies that guides CIHI's operations and informs others of CIHI's practices. The principles and policies are reviewed and updated regularly. The principles and policies are set out in the document *Privacy and Confidentiality of Health Information at CIHI: Principles and Policies for the Protection of Personal Health Information and Policies for Institution-Identifiable Information, 3rd Edition.* See link: http://www.cihi.ca.
Restricted Copy Rules	
Derived Works Limitations	

DATA ACCESS

Network Accessibility	☐ None ☒ Internet ☐ Intranet ☐ VPN ☐ SSHA Network ☐ Others: _____
DSS Tools	

SYSTEM REQUIREMENTS

Licensing	
Software Requirements	
User Platform	☒ Web browser ☐ Windows 2000/XP ☐ Mac OS 9 / X ☐ Unix ☐ Linux
Network Requirements	

CONTACTS

Support/Questions	Support Organization	Title	Name	Phone #	E-Mail
	Canadian Institute for Health Information			(613) 241-7860	cmdb@cihi.ca

ADDITIONAL NOTES

CIHI did not begin to collect data using the MIS Guidelines as the standard until 1995-1996. Data from 1932-1933 to 1993-1994 was collected by Statistics Canada through the Annual Hospital Survey using the Canadian Hospital Accounting Manual (CHAM) as it's data standard and is available only from Statistics Canada.

Resources available on the CIHI website: *MIS Guidelines, Canadian MIS Database, Hospital Financial Performance Indicators, 1999-2000 to 2002-2003.*

Canadian Organ Replacement Register (CORR)

Data Categories		☒ Clinical ☒ Demographics ☐ Financial ☐ Health HR ☐ Reference ☐ Surveys ☐ Other: _____					
Health Topics	**Services**	☒ Acute Care ☐ Community Care ☐ Complex Continuing Care ☐ Emergency Care ☐ Long-Term Care ☐ Mental Health/Addictions ☐ Palliative Care ☐ Primary Care ☐ Rehabilitation ☐ Other: _____					
	Wait Time Related	☐ Cancer Services ☐ Cardiac Services ☐ Cataract Surgery ☐ Hip/Knee Joint Replacement ☐ MRI/CT Scan ☐ Other: _____					
	Age Groups	☒ Children (0-11) ☒ Youth (12-17) ☒ Adult (18-64) ☒ Seniors (65+)					
	Other Topics	☐ Diabetes ☐ Morbidity ☐ Mortality ☐ Osteoporosis ☐ Paediatrics ☐ Patient Safety ☐ Prescription Drugs ☐ Trauma/Injuries ☐ Women's Health ☒ Other – Organ Donation					
Web URL	**Information:**	http://www.cihi.ca			**Login:**		

Overview

Description	The Canadian Organ Replacement Register (CORR) records, analyzes and reports on the activity and outcomes of vital organ transplantation and renal dialysis activities in Canada. Data is collected from participating dialysis centres, transplant centres and organ procurement organizations in Canada. Data includes patient-specific treatment and outcome data on chronic kidney failure patients receiving renal replacement therapy in Canada. It also includes patient demographics, risk factors, follow-ups such as graft failures, organ transplantation data, such as number, type and outcome of vital organ transplants, number of living and deceased organ donors and number of patients on the transplant waiting list.
Info Holding Owner	Canadian Institute for Health Information (CIHI)
MOHLTC Owns:	☐ Unrestricted Copy ☐ Restricted Copy ☒ Does not own a copy ☐ Not Applicable **Copy Owner:**
Target Audience	CIHI, provincial and territorial ministries of health, decision and policy-makers, Health Canada, Statistics Canada, public health and health care researchers, health care administrators and health care providers.
Data Sources	☐ Primary ☒ Secondary **Sources:** Data come from participating dialysis centres, transplant centres and organ procurement organizations in Canada.
Population Groups	
Data Granularity	☐ Personal ☒ Anonymous ☐ Pseudonymous ☐ Aggregated **Aggregation Levels:**

DATA TABLES

Table Name	Table Description	Primary Identifiers	Data Collection Location	Resident and/or Provider	Geographic Codes (Postal, LHIN...)	Data Availability
Patient Treatment and Outcome	Patient-specific treatment and outcome data on chronic kidney failure patients receiving renal replacement therapy in Canada. Includes patient demographics, risk factors and follow-up, including graft failures and deaths.					Earliest Data: 1981 Latest Data: 2002 Update Freq.: _____ Mandatory? _____

DATA TABLES

Table Name	Table Description	Primary Identifiers	Data Collection Location	Resident and/or Provider	Geographic Codes (Postal, LHIN...)	Data Availability
Organ Transplantation	Number, type and outcome of vital organ transplants, number of living and deceased organ donors and number of patients on the transplant waiting list.					Earliest Data: 1992 Latest Data: 2003 Update Freq.: _____ Mandatory?: _____

USAGE CONSTRAINTS

Privacy Constraints	CIHI has in place a comprehensive Privacy, Confidentiality and Security Program. One key element of the program is CIHI's statement of principles and policies that guides CIHI's operations and informs others of CIHI's practices. The principles and policies are reviewed and updated regularly. The principles and policies are set out in the document Privacy and Confidentiality of Health Information at CIHI: *Principles and Policies for the Protection of Personal Health Information and Policies for Institution-Identifiable Information, 3rd Edition.* See link: http://www.cihi.ca
Restricted Copy Rules	
Derived Works Limitations	

DATA ACCESS

Network Accessibility	☐ None ☒ Internet ☐ Intranet ☐ VPN ☐ SSHA Network ☐ Others _____
DSS Tools	

SYSTEM REQUIREMENTS

Licensing	
Software Requirements	
User Platform	☒ Web browser ☐ Windows 2000/XP ☐ Mac OS 9 / X ☐ Unix ☐ Linux
Network Requirements	

CONTACTS

Support/Questions	Support Organization	Title	Name	Phone #	E-Mail
	Canadian Institute for Health Information			(416) 481-2002	corr@cihi.ca

ADDITIONAL NOTES

CIHI maintains an eDirectory that identifies dialysis centres across Canada that will provide dialysis treatments to patients who are visiting from other jurisdictions.
Resources Available: *CORR Instruction Manual-Transplant Recipient and Organ Donor Information* and *CORR Instruction Manual – Chronic Renal Failure Patients on Renal Replacement Therapy*.

Continuing Care Reporting System (CCRS)

Data Categories		☒ Clinical ☒ Demographics ☐ Financial ☐ Health HR ☐ Reference ☐ Surveys ☒ Other:: Administrative					
Health Topics	**Services**	☐ Acute Care ☐ Community Care ☒ Complex Continuing Care ☐ Emergency Care ☒ Long-Term Care ☐ Mental Health/Addictions ☒ Palliative Care ☐ Primary Care ☐ Rehabilitation ☐ Other: _____					
	Wait Time Related	☐ Cancer Services ☐ Cardiac Services ☐ Cataract Surgery ☐ Hip/Knee Joint Replacement ☐ MRI/CT Scan ☐ Other: _____					
	Age Groups	☒ Children (0-11) ☒ Youth (12-17) ☒ Adult (18-64) ☒ Seniors (65+)					
	Other Topics	☐ Diabetes ☐ Morbidity ☐ Mortality ☐ Osteoporosis ☐ Paediatrics ☒ Patient Safety ☐ Prescription Drugs ☐ Trauma/Injuries ☐ Women's Health ☐ Other: _____					
Web URL	**Information:**	http://www.cihi.ca		**Login:**			

Overview

Description	**National System** The Continuing Care Reporting System (CCRS) contains demographic, administrative and clinical data for residents in facility-based continuing care in Canada. The CCRS was developed from the Ontario Chronic Care Patient System (OCCPS), which was based on Ontario complex continuing care facilities' data only. Nursing staff or other health providers conduct assessments of individuals in designated beds, whether in free-standing chronic or long-term care facilities, or in hospitals. The data is collected using the Resident Assessment Instrument (RAI) Minimum Data Set, (MDS 2.0), © interRAI 1997, 1999, modified by CIHI for CCRS use. **Ontario** Complex Continuing Care facilities are mandated to submit MDS 2.0 data to the CCRS. The rest of this description applies to Ontario only.
Info Holding Owner	**National:** Canadian Institute for Health Information (CIHI) **Ontario:** Copy of Ontario data is held by Knowledge Management and Reporting Branch, IPP
MOHLTC Owns:	☐ Unrestricted Copy ☒ Restricted Copy ☐ Does not own a copy ☐ Not Applicable **Copy Owner:** Knowledge Management & Reporting Branch, IPP
Target Audience	CIHI, provincial and territorial ministries of health, decision and policy-makers, Health Canada, Statistics Canada and health care researchers, local/provincial health care administrators.
Data Sources	☒ Primary ☐ Secondary **Sources**: Nursing staff or other health providers conduct assessments of individuals in designated beds, whether in free-standing chronic- or long-term care facilities, or in hospitals. The data are collected using the Resident Assessment Instrument (RAI) Minimum Data Set, (MDS 2.0 ©). Currently, Ontario collects data on Complex Continuing Care residents only.
Population Groups	**Ontario**: Residents in designated Complex Continuing Care beds in Ontario

Data Granularity	☐ Personal ☐ Anonymous ☒ Pseudonymous ☐ Aggregated	Aggregation Levels:	

DATA TABLES

Table Name	Table Description	Primary Identifiers	Data Collection Location	Resident and/or Provider	Geographic Codes (Postal, LHIN...)	Data Availability	
Continuing Care Reporting System	The RAI MDS 2.0© clinical assessment tool consists of 500+ data elements, on areas such as demographics, cognitive and behavioural patterns, physical functioning, medication use, nutritional status, special treatments and procedures.	- Master Number - Health Card Number - URI - Birthdate - Health Record Number (i.e., Chart Number)	Complex Continuing Care Facilities/ Hospitals	Resident and Provider	Resident Prior Residence Postal Code can be rolled up to Region, County/Municipality, PHU, LHIN Hospital Master Number can be rolled up to Region, County/Municipality, PHU, LHIN	Earliest Data: Latest Data: Update Freq.: Mandatory?	July 1996-Mar. 1997 2004-2005 Quarterly (as of mid-2005/06) Yes

USAGE CONSTRAINTS

Privacy Constraints	**National** CIHI has in place a comprehensive Privacy, Confidentiality and Security Program. One key element of the program is CIHI's statement of principles and policies that guides CIHI's operations and informs others of CIHI's practices. The principles and policies are reviewed and updated regularly. The principles and policies are set out in the document *Privacy and Confidentiality of Health Information at CIHI: Principles and Policies for the Protection of Personal Health Information and Policies for Institution-Identifiable Information, 3rd Edition*. See link: http://www.cihi.ca. **Ontario**: Access to the file requires signing of Data Access agreement with Knowledge Management & Reporting Branch. Agreement covers all aspects of patient privacy, confidentiality, authorized use, and data disposal
Restricted Copy Rules	Health Card Numbers uniquely encrypted for each user. Small cell counts/residual rules to be applied
Derived Works Limitations	As specified in Data Access Agreement

DATA ACCESS

Network Accessibility	☐ None ☐ Internet ☒ Intranet ☒VPN ☐ SSHA Network ☒ Others: CD, Tape
DSS Tools	File is not a DB. Can be accessed using any programming language/software capable of reading a SAS/flat text file

SYSTEM REQUIREMENTS

Licensing	Users must complete Data Access Agreement with Knowledge Management & Reporting Branch

Software Requirements	CCRS data file is available in both SAS and flat file formats. CCRS reports are in MS Excel, PDF and TXT format (which can be converted into other multiple formats).
User Platform	☐ Web browser ☒ Windows 2000/XP ☒ Mac OS 9 / X ☒ Unix ☒Linux ☒Others: OS/MVS
Network Requirements	n/a

CONTACTS

Support/Questions	Support Organization	Title	Name	Phone #	E-Mail
For Ontario Data:	Knowledge Management & Reporting Branch	Data Information Access Analyst	Ms. Mahroo Afrashteh	(416) 327-7724	Mahroo.Afrashteh@moh.gov.on.ca
For other provinces' data:	Canadian Institute for Health Information			(613) 241-7860	ccrs@cihi.ca

ADDITIONAL NOTES

National:
Resources available: CCRS assessment and tracking forms, *RAI-MDS 2.0© and RAPs Canadian Version: User's Manual, Continuing Care Reporting System Specifications* manual, *Resource Utilization Groups III (RUG-III) Directory 2004*, CCRS Version.

Ontario:
Ontario clients should contact Knowledge Management & Reporting Branch for documentation/questions/access to data.

Discharge Abstract Database (DAD)

Data Categories		☒ Clinical ☒ Demographics ☐ Financial ☐ Health HR ☐ Reference ☐ Surveys ☐ Other: _____					
Health Topics	**Services**	☒ Acute Care ☐ Community Care ☐ Complex Continuing Care ☐ Emergency Care ☐ Long-Term Care ☐ Mental Health/Addictions ☐ Palliative Care ☐ Primary Care ☐ Rehabilitation ☐ Other: _____					
	Wait Time Related	☐ Cancer Services ☐ Cardiac Services ☐ Cataract Surgery ☐ Hip/Knee Joint Replacement ☐ MRI/CT Scan ☐ Other: _____					
	Age Groups	☒ Children (0-11) ☒ Youth (12-17) ☒ Adult (18-64) ☒ Seniors (65+)					
	Other Topics	☒Diabetes ☒ Morbidity ☒Mortality ☒Osteoporosis ☒Paediatrics ☒Patient Safety ☐ Prescription Drugs ☒Trauma/Injuries ☒ Women's Health ☒Other: Any other topic codeable using ICD10-CA/CCI					
Web URL	**Information:**	http://www.cihi.ca			**Login:**		

Overview

Description	**National System** The Discharge Abstract Database (DAD) contains demographic, administrative and clinical data for hospital discharges (inpatient acute, chronic, rehabilitation) and day surgeries in Canada. CIHI receives data directly from participating hospitals in every province and territory, except Quebec. The DAD is a core database at CIHI. Information collected in the DAD is used in the creation of parts of other databases including the Hospital Morbidity Database (HMDB), the Hospital Mental Health Database (HMHDB), the National Trauma Registry (NTR), the Ontario Trauma Registry (OTR) and the Therapeutic Abortions Database (TADB). **Ontario** DAD in Ontario now contains only Acute Care. All other care types are now reported in their own systems. The rest of this description applies to Ontario only.
Info Holding Owner	**National:** Ontario data is processed by Canadian Institute for Health Information (CIHI) and stored at CIHI for inclusion in national reports **Ontario:** Copy of Ontario data is held by Knowledge Management and Reporting Branch, IPP
MOHLTC Owns:	☐ Unrestricted Copy ☒ Restricted Copy ☐Does not own a copy ☐ Not Applicable **Copy Owner:** Knowledge Management & Reporting Branch, IPP
Target Audience	CIHI, provincial and territorial ministries of health, decision and policy-makers, Health Canada, Statistics Canada and health care researchers, local/provincial health care administrators.
Data Sources	☒Primary ☐ Secondary **Sources**: CIHI receives data directly from participating hospitals.
Population Groups	Ontario: Patients in acute care hospitals
Data Granularity	☒ Personal ☒ Anonymous ☐ Pseudonymous ☐ Aggregated **Aggregation Levels:**

DATA TABLES

Table Name	Table Description	Primary Identifiers	Data Collection Location	Resident and/or Provider	Geographic Codes (Postal, LHIN...)	Data Availability	
Discharge Abstract	Demographic, administrative and clinical data for hospital discharges for acute care inpatients	- Master Number - Health Card Number - Chart Number - Birthdate	Acute Care Hospitals	Patient and Provider	Patient Postal Code Ont. Residence Code can be rolled up to Region, PHU, LHIN Hospital Master Number can be rolled up to Region, County / Municipality, PHU, LHIN	Earliest Data: Latest Data: Update Freq.: Mandatory?	1979/1980 2003/2004 Quarterly (as of 05/06) Yes

USAGE CONSTRAINTS

Privacy Constraints	**National**: CIHI has in place a comprehensive Privacy, Confidentiality and Security Program. One key element of the program is CIHI's statement of principles and policies that guides CIHI's operations and informs others of CIHI's practices. The principles and policies are reviewed and updated regularly. The principles and policies are set out in the document Privacy and Confidentiality of Health Information at CIHI: *Principles and Policies for the Protection of Personal Health Information and Policies for Institution-Identifiable Information, 3rd Edition*. See link: http://www.cihi.ca **Ontario**: Access to the file requires signing of Data Access agreement with Knowledge Management & Reporting Branch. Agreement covers all aspects of patient privacy, confidentiality, authorized use, data disposal
Restricted Copy Rules	Health Card Numbers uniquely encrypted for each user. Small cell counts/residual rules to be applied
Derived Works Limitations	As specified in Data Access Agreement

DATA ACCESS

Network Accessibility	☐ None ☐ Internet ☒ Intranet ☒ VPN ☐ SSHA Network ☒ Others: CD, Tape
DSS Tools	File is not a DB. Can be accessed using any programming language/software capable of reading non-delimited flat text files. This includes SAS, SPSS, FOCUS, PLI/1, COBOL., and C.

SYSTEM REQUIREMENTS

Licensing	Users must complete Data Access Agreement with Knowledge Management & Reporting Branch (MOHLTC)
Software Requirements	See DSS Tools
User Platform	☐ Web browser ☒Windows 2000/XP ☒Mac OS 9 / X ☒Unix ☒Linux ☒Others: OS/MVS
Network Requirements	n/a

CONTACTS

Support/Questions	Support Organization	Title	Name	Phone #	E-Mail
For Ontario Data:	Knowledge Management & Reporting Branch	Data Information Access Analyst	Ms. Mahroo Afrashteh	(416) 327-7724	Mahroo.Afrashteh@moh.gov.on.ca
For other provinces' data:	Canadian Institute for Health Information			(416) 481-2002	dad@cihi.ca

ADDITIONAL NOTES

National:
File layout, code structure and facility list documents are available from CHII. Available are the following: *DAD Abstracting Manual, CMG/Plx Directory DPG* and *the DAD RIW* and *ELOS*. All clients who submit data to the Discharge Abstract Database may take advantage of CIHI's eCHAP (electronic Comparison of Hospital Activity Program) and electronic Hospital Specific Reports (eHSR). These products will no longer be offered on paper for 2002 fiscal data but are offered at no cost to clients.

Ontario:
Ontario clients should contact Knowledge Management & Reporting Branch for documentation/questions/access to data.

Health Personnel Database (HPDB)

Data Categories		☐ Clinical ☒ Demographics ☐ Financial ☒ Health HR ☐ Reference ☐ Surveys ☐ Other: _____				
Health Topics	**Services**	☐ Acute Care ☐ Community Care ☐ Complex Continuing Care ☐ Emergency Care ☐ Long-Term Care ☐ Mental Health/Addictions ☐ Palliative Care ☐ Primary Care ☐ Rehabilitation ☐ Other: _____				
	Wait Time Related	☐ Cancer Services ☐ Cardiac Services ☐ Cataract Surgery ☐ Hip/Knee Joint Replacement ☐ MRI/CT Scan ☐ Other: _____				
	Age Groups	☐ Children (0-11) ☐ Youth (12-17) ☐ Adult (18-64) ☐ Seniors (65+)				
	Other Topics	☐ Diabetes ☐ Morbidity ☐ Mortality ☐ Osteoporosis ☐ Paediatrics ☐ Patient Safety ☐ Prescription Drugs ☐ Trauma/Injuries ☐ Women's Health ☐ Other: _____				
Web URL	**Information:**	http://www.cihi.ca		**Login:**		

Overview

Description	The Health Personnel Database (HPDB) contains information on the number of health care professionals in Canada, for selected healthcare occupations, by province/territory. It is part of the CIHI Health Human Resources Databases. The HPDB contains aggregate, supply-based information on the number of health care personnel in Canada, for selected occupations, by province/territory and year. Except in instances where data is collected at the national level (i.e. SMDB, RNDB, LPNDB and RPNDB at CIHI) the Health Personnel Database (HPDB) utilizes data from associations (membership is voluntary) and regulatory/ licensing authorities (membership is a condition of employment) across Canada as the primary source of data. It includes the number of members of health professional associations by province/territory and year. Where possible, data on registered, registered active and/or registered, active-employed health personnel are provided from the appropriate regulatory or licensing authority. Counts of graduates of health professional educational/training programs are provided for selected health professions.			
Info Holding Owner	Canadian Institute for Health information (CIHI)			
MOHLTC Owns:	☐ Unrestricted Copy ☐ Restricted Copy ☒ Does not own a copy ☐ Not Applicable		**Copy Owner:**	
Target Audience	CIHI, Provincial and territorial ministries of health, decision and policy-makers, Health Canada, Statistics Canada, public health and health care researchers, health care administrators.			
Data Sources	☐ Primary ☒ Secondary	**Sources:**	Most data are supplied by national and provincial/territorial professional organizations and licensing authorities, governments, and educational institutions.	
Population Groups				
Data Granularity	☐ Personal ☒ Anonymous ☐ Pseudonymous ☐ Aggregated	**Aggregation Levels:**		

DATA TABLES

Table Name	Table Description	Primary Identifiers	Data Collection Location	Resident and/or Provider	Geographic Codes (Postal, LHIN...)	Data Availability
Health Personnel	Number of members of health professional associations by province or territory and year. Data on registered, registered-active and/or registered, active-employed health personnel are provided from the appropriate regulatory or licensing authority. Counts of graduates of health professional, educational or training programs are provided for selected health professions.					Earliest Data: 1970–2002 (Varies by occupation) Latest Data: 2004 Update Freq.: Mandatory?

USAGE CONSTRAINTS

Privacy Constraints	CIHI has in place a comprehensive Privacy, Confidentiality and Security Program. One key element of the program is CIHI's statement of principles and policies that guides CIHI's operations and informs others of CIHI's practices. The principles and policies are reviewed and updated regularly. The principles and policies are set out in the document Privacy and Confidentiality of Health Information at CIHI: *Principles and Policies for the Protection of Personal Health Information and Policies for Institution-Identifiable Information, 3rd Edition*. See link: http://www.cihi.ca
Restricted Copy Rules	
Derived Works Limitations	

DATA ACCESS

Network Accessibility	☐ None ☒ Internet ☐ Intranet ☐ VPN ☐ SSHA Network ☐ Others:_____
DSS Tools	

SYSTEM REQUIREMENTS

Licensing	
Software Requirements	
User Platform	☒ Web browser ☐ Windows 2000/XP ☐ Mac OS 9 / X ☐ Unix ☐ Linux
Network Requirements	

CONTACTS

Support/Questions	Support Organization	Title	Name	Phone #	E-Mail
	Canadian Institute for Health Information			(613) 241-7860	hpdb@cihi.ca

ADDITIONAL NOTES

Hospital Mental Health Database (HMHDB)

Data Categories		☒ Clinical	☒ Demographics	☐ Financial	☐ Health HR	☐ Reference	☐ Surveys
		☐ Other: _____					
Health Topics	**Services**	☐ Acute Care	☐ Community Care	☐ Complex Continuing Care			
		☐ Emergency Care	☐ Long-Term Care	☒ Mental Health/Addictions			
		☐ Palliative Care	☐ Primary Care	☐ Rehabilitation	☐ Other: _____		
	Wait Time Related	☐ Cancer Services		☐ Cardiac Services	☐ Cataract Surgery		
		☐ Hip/Knee Joint Replacement		☐ MRI/CT Scan	☐ Other: _____		
	Age Groups	☒ Children (0-11)	☒ Youth (12-17)	☒ Adult (18-64)	☒ Seniors (65+)		
	Other Topics	☐ Diabetes	☐ Morbidity	☐ Mortality	☐ Osteoporosis		
		☐ Paediatrics	☐ Patient Safety	☐ Prescription Drugs	☐ Trauma/Injuries		
		☐ Women's Health	☐ Other: _____				
Web URL	**Information:**	http://www.cihi.ca		**Login:**			

Overview

Description	The Hospital Mental Health Database (HMDDB) contains demographic and medical diagnosis information for inpatient hospital stays for mental health disorders in Canada. The HMHDB contains hospitalization data on mental illness from across Canada. Information is gathered from administrative separation records of psychiatric and general hospitals. They are obtained electronically through selected extracts of the DAD for those provinces/territories participating in DAD. Data for the remaining hospitals are submitted by the appropriate province or territory. Data consists of demographic and medical diagnosis information on inpatient hospital stays. All provinces and territories are represented in this database.			
Info Holding Owner	Canadian Institute for Health Information (CIHI)			
MOHLTC Owns:	☐ Unrestricted Copy ☐ Restricted Copy ☒ Does not own a copy ☐ Not Applicable	**Copy Owner:**		
Target Audience	CIHI, Provincial and territorial ministries of health, decision and policy-makers, Health Canada, Public Health Agency of Canada, Statistics Canada, public health and health care researchers, health care administrators.			
Data Sources	☐ Primary ☒ Secondary	**Sources:**	Information is gathered from administrative separation records of psychiatric and general hospitals. They are obtained electronically through selected extracts of the DAD for those provinces/territories participating in DAD. Data for the remaining hospitals are submitted by the appropriate province or territory. Data consists of demographic and medical diagnosis information on inpatient hospital stays. All provinces and territories are represented in this database.	
Population Groups				
Data Granularity	☐ Personal ☒ Anonymous ☐ Pseudonymous ☐ Aggregated	**Aggregation Levels:**		

DATA TABLES

Table Name	Table Description	Primary Identifiers	Data Collection Location	Resident and/or Provider	Geographic Codes (Postal, LHIN...)	Data Availability	
Hospital Mental Health	Administrative and medical diagnosis information on inpatient hospital stays.	Facility Number	General & Psychiatric Hospitals		Individual Facility Postal Codes Province	Earliest Data: Latest Data: Update Freq: Mandatory:	1994-1995 (at CIHI) 1930-1993 (StatsCan) 2002/2003 Annual No

USAGE CONSTRAINTS

Privacy Constraints	CIHI has in place a comprehensive Privacy, Confidentiality and Security Program. One key element of the program is CIHI's statement of principles and policies that guides CIHI's operations and informs others of CIHI's practices. The principles and policies are reviewed and updated regularly. The principles and policies are set out in the document Privacy and Confidentiality of Health Information at CIHI: *Principles and Policies for the Protection of Personal Health Information and Policies for Institution-Identifiable Information, 3rd Edition*. See link: http://www.cihi.ca
Restricted Copy Rules	
Derived Works Limitations	

DATA ACCESS

Network Accessibility	☐ None	☒ Internet	☐ Intranet	☐ VPN	☐ SSHA Network	☐ Others:_____
DSS Tools						

SYSTEM REQUIREMENTS

Licensing					
Software Requirements					
User Platform	☒ Web browser	☐ Windows 2000/XP	☐ Mac OS 9 / X	☐ Unix	☐ Linux
Network Requirements					

CONTACTS

Support/Questions	Support Organization	Title	Name	Phone #	E-Mail
	Canadian Institute for Health Information			(613) 241-7860	hmhdb@cihi.ca

ADDITIONAL NOTES

Hospital Morbidity Database (HMDB)

Data Categories		☒ Clinical	☒ Demographics	☐ Financial	☐ Health HR	☐ Reference	☐ Surveys
		☐ Other: _____					
Health Topics	**Services**	☒ Acute Care	☐ Community Care	☐ Complex Continuing Care			
		☐ Emergency Care	☐ Long-Term Care	☐ Mental Health/Addictions			
		☐ Palliative Care	☐ Primary Care	☐ Rehabilitation	☐ Other: _____		
	Wait Time Related	☐ Cancer Services		☐ Cardiac Services	☐ Cataract Surgery		
		☐ Hip/Knee Joint Replacement		☐ MRI/CT Scan	☐ Other: _____		
	Age Groups	☒ Children (0-11)	☒ Youth (12-17)	☒ Adult (18-64)	☒ Seniors (65+)		
	Other Topics	☐ Diabetes	☒ Morbidity	☐ Mortality	☐ Osteoporosis		
		☐ Paediatrics	☐ Patient Safety	☐ Prescription Drugs	☐ Trauma/Injuries		
		☐ Women's Health	☐ Other: _____				
Web URL	**Information:**	http://www.cihi.ca			**Login:**		

Overview

Description	The Hospital Morbidity Database (HMDB) is a national data holding that captures administrative, clinical and demographic information on hospital inpatient events. It provides national discharge statistics from Canadian health care facilities by diagnoses and procedures. Discharge data are received from acute care facilities and select chronic care and rehabilitation facilities across Canada. Discharge data from psychiatric facilities, as well as day procedures (e.g. day surgeries) and emergency department visits, are not captured in this database.		
Info Holding Owner	Canadian Institute for Health Information (CIHI)		
MOHLTC Owns:	☐ Unrestricted Copy ☐ Restricted Copy ☒ Does not own a copy ☐ Not Applicable	**Copy Owner:**	
Target Audience	CIHI, provincial and territorial ministries of health, decision and policy-makers, Health Canada, Statistics Canada, public health and health care researchers, health care facility administrators.		
Data Sources	☒ Primary ☐ Secondary	**Sources:**	The HMDB is populated by a subset of Discharge Abstract Database (DAD) data for those provinces and territories that submit discharge statistics to the DAD. The HMDB is unique in that it appends data from non-DAD jurisdictions to be nationally comprehensive. These data files are submitted to CIHI by the appropriate provincial or territorial ministry of health.
Population Groups			
Data Granularity	☐ Personal ☒ Anonymous ☐ Pseudonymous ☐ Aggregated	**Aggregation Levels:**	

DATA TABLES

Table Name	Table Description	Primary Identifiers	Data Collection Location	Resident and/or Provider	Geographic Codes (Postal, LHIN...)	Data Availability
Hospital Morbidity	Primary diagnosis, operations, admission date, discharge conditions, total days stayed, age and gender					Earliest Data: 1960/1961 - 1993/1994 Latest Data: 2002/2003 Update Freq.: Mandatory?

USAGE CONSTRAINTS

Privacy Constraints	CIHI has in place a comprehensive Privacy, Confidentiality and Security Program. One key element of the program is CIHI's statement of principles and policies that guides CIHI's operations and informs others of CIHI's practices. The principles and policies are reviewed and updated regularly. The principles and policies are set out in the document Privacy and Confidentiality of Health Information at CIHI: *Principles and Policies for the Protection of Personal Health Information and Policies for Institution-Identifiable Information, 3rd Edition*. See link: http://www.cihi.ca
Restricted Copy Rules	
Derived Works Limitations	

DATA ACCESS

Network Accessibility	☐ None ☐ Internet ☐ Intranet ☐ VPN ☐ SSHA Network ☐ Others: _____
DSS Tools	

SYSTEM REQUIREMENTS

Licensing	
Software Requirements	
User Platform	☐ Web browser ☐ Windows 2000/XP ☐ Mac OS 9 / X ☐ Unix ☐ Linux
Network Requirements	

CONTACTS

Support/Questions	Support Organization	Title	Name	Phone #	E-Mail
	Canadian Institute for Health Information			(416) 481-2002	morbidity@cihi.ca

ADDITIONAL NOTES

Resources available on the CIHI web site at http://www.cihi.ca/morbidity: e.g. Data Quality Documentation and Privacy Impact Assessment.

Licensed Practical Nurses Database (LPNDB)

Data Categories		☐ Clinical ☒ Demographics ☐ Financial ☒ Health HR ☐ Reference ☐ Surveys ☐ Other: _____
Health Topics	**Services**	☐ Acute Care ☐ Community Care ☐ Complex Continuing Care ☐ Emergency Care ☐ Long-Term Care ☐ Mental Health/Addictions ☐ Palliative Care ☐ Primary Care ☐ Rehabilitation ☐ Other: _____
	Wait Time Related	☐ Cancer Services ☐ Cardiac Services ☐ Cataract Surgery ☐ Hip/Knee Joint Replacement ☐ MRI/CT Scan ☐ Other: _____
	Age Groups	☐ Children (0-11) ☐ Youth (12-17) ☐ Adult (18-64) ☐ Seniors (65+)
	Other Topics	☐ Diabetes ☐ Morbidity ☐ Mortality ☐ Osteoporosis ☐ Paediatrics ☐ Patient Safety ☐ Prescription Drugs ☐ Trauma/Injuries ☐ Women's Health ☐ Other: _____
Web URL	**Information:**	http://www.cihi.ca **Login:**

Overview

Description	The Licensed Practical Nurses database (LPNDB) provides demographic, employment and education information on Licensed Practical Nurses at the provincial/territorial and national level in a standardized, comparable format. It is part of the CIHI Nursing Workforce Databases and contains supply and distribution information for licensed practical nurses in Canada for the year 2002 and onwards. Historical data is not available.
Info Holding Owner	Canadian Institute for Health Information (CIHI)
MOHLTC Owns:	☐ Unrestricted Copy ☐ Restricted Copy ☒ Does not own a copy ☐ Not Applicable **Copy Owner:**
Target Audience	CIHI, Provincial and territorial ministries of health, decision and policy-makers, Health Canada, Statistics Canada, public health and health care researchers, health care administrators
Data Sources	☐ Primary ☒ Secondary **Sources:** Each year, LPNs complete a mandatory registration form for obtaining a license for practice. A subset of these data is provided to CIHI by the 12 provincial/territorial nursing associations responsible for LPN licensure.
Population Groups	
Data Granularity	☐ Personal ☒ Anonymous ☐ Pseudonymous ☐ Aggregated **Aggregation Levels:**

DATA TABLES

Table Name	Table Description	Primary Identifiers	Data Collection Location	Resident and/or Provider	Geographic Codes (Postal, LHIN...)	Data Availability
Licensed Practical Nurses	Demographic, employment and education.					Earliest Data: 2002 Latest Data: 2003 Update Freq.: Mandatory?

USAGE CONSTRAINTS

Privacy Constraints	CIHI has in place a comprehensive Privacy, Confidentiality and Security Program. One key element of the program is CIHI's statement of principles and policies that guides CIHI's operations and informs others of CIHI's practices. The principles and policies are reviewed and updated regularly. The principles and policies are set out in the document Privacy and Confidentiality of Health Information at CIHI: *Principles and Policies for the Protection of Personal Health Information and Policies for Institution-Identifiable Information, 3rd Edition*. See link: http://www.cihi.ca.
Restricted Copy Rules	
Derived Works Limitations	

DATA ACCESS

Network Accessibility	☐ None	☒ Internet	☐ Intranet	☐ VPN	☐ SSHA Network	☐ Others: _____
DSS Tools						

SYSTEM REQUIREMENTS

Licensing					
Software Requirements					
User Platform	☒ Web browser	☐ Windows 2000/XP	☐ Mac OS 9 / X	☐ Unix	☐ Linux
Network Requirements					

CONTACTS

Support/Questions	Support Organization	Title	Name	Phone #	E-Mail
	Canadian Institute for Health Information			(613) 241-7860	nursing@cihi.ca

ADDITIONAL NOTES

Available Resources – *Licensed Practical Nurses Database Data Dictionary* and *Data Submissions Specifications Manual*

National Ambulatory Care Reporting System (NACRS)

Data Categories		☒ Clinical ☒ Demographics ☒ Financial (Functional Centres) ☐ Health HR ☐ Reference ☐ Surveys ☐ Other: _____					
Health Topics	**Services**	☐ Acute Care ☐ Community Care ☐ Complex Continuing Care ☒ Emergency Care ☐ Long-Term Care ☐ Mental Health/Addictions ☐ Palliative Care ☐ Primary Care ☐ Rehabilitation ☒ Other: - Day Surgery, Clinics					
	Wait Time Related	☐ Cancer Services ☐ Cardiac Services ☐ Cataract Surgery ☐ Hip/Knee Joint Replacement ☐ MRI/CT Scan ☒ Other: Wait Time in Emergency for an Inpatient Bed					
	Age Groups	☒ Children (0-11) ☒ Youth (12-17) ☒ Adult (18-64) ☒ Seniors (65+)					
	Other Topics	☒ Diabetes ☒ Morbidity ☒ Mortality ☒ Osteoporosis ☒ Paediatrics ☒ Patient Safety ☐ Prescription Drugs ☒ Trauma/Injuries ☒ Women's Health ☒ Other: Any topic codeable using ICD10-CA/CC					
Web URL	**Information:**	http://www.cihi.ca			**Login:**		

Overview

Description	**National System** The National Ambulatory Care Reporting System (NACRS) includes data for all hospital-based and community-based ambulatory care. These include day surgery, outpatient clinics and emergency departments. While most of the data comes from Ontario, some facilities in B.C., the Yukon, P.E.I and Nova Scotia are also submitting data to CIHI. **Ontario:** Currently, data submission to NACRS has been mandated in Ontario for Emergency Rooms (ER), Day Surgery, Dialysis, Cardiac Catheterization and Oncology in all regional cancer centres.		
Info Holding Owner	**National:** Ontario data is processed by Canadian Institute for Health Information (CIHI) and stored at CIHI for inclusion in national reports **Ontario** Copy of Ontario data is held by Knowledge Management and Reporting Branch, IPP		
MOHLTC Owns:	☐ Unrestricted Copy ☒ Restricted Copy ☐ Does not own a copy ☐ Not Applicable	**Copy Owner:**	Knowledge Management & Reporting Branch, IPP
Target Audience	CIHI, provincial and territorial ministries of health, decision and policy-makers, Health Canada, Statistics Canada and health care researchers, local/provincial health care administrators.		
Data Sources	☒ Primary ☐ Secondary	**Sources:**	Client visit data are collected at time of service in participating facilities. Data collection methods may vary by facility. Currently, data submission to NACRS has been mandated in Ontario for ER, Day Surgery, Dialysis, Cardiac Catheterization and Oncology (including all regional cancer centres).
Population Groups	Ontario: Patients treated in mandated ambulatory care functional centres		
Data Granularity	☒ Personal ☒ Anonymous ☐ Pseudonymous ☐ Aggregated	**Aggregation Levels:**	

DATA TABLES

Table Name	Table Description	Primary Identifiers	Data Collection Location	Resident and/or Provider	Geographic Codes (Postal, LHIN...)	Data Availability	
National Ambulatory Care Reporting	Demographic, clinical, administrative data: MIS functional centre account codes: service-specific data elements for day surgery, emergency and clinics	- Master Number - Health Card Number - Chart Number - Birthdate - Amb. Reg. Number (optional)	Hospital (emergency departments, clinics and day surgery)	Patient and Provider	Patient Postal Code Ont. Residence Code can be rolled up to Region, PHU, LHIN Hospital Master Number can be rolled up to Region, County / Municipality, PHU, LHIN	Earliest Data: Latest Data: Update Freq.: Mandatory?	2001/2002 2003/2004 Quarterly (as of 05/06) Yes

USAGE CONSTRAINTS

Privacy Constraints	**National** CIHI has in place a comprehensive Privacy, Confidentiality and Security Program. One key element of the program is CIHI's statement of principles and policies that guides CIHI's operations and informs others of CIHI's practices. The principles and policies are reviewed and updated regularly. The principles and policies are set out in the document Privacy and Confidentiality of Health Information at CIHI: *Principles and Policies for the Protection of Personal Health Information and Policies for Institution-Identifiable Information, 3rd Edition*. See link: http://www.cihi.ca **Ontario**: Access to the file requires signing of Data Access agreement with Knowledge Management & Reporting Branch. Agreement covers all aspects of patient privacy, confidentiality, authorized use, data disposal
Restricted Copy Rules	Health Card Numbers uniquely encrypted for each user. Small cell counts/residual rules to be applied
Derived Works Limitations	As specified in Data Access Agreement

DATA ACCESS

Network Accessibility	☐ None ☐ Internet ☒ Intranet ☒VPN ☐ SSHA Network ☒ Others:CD, Tape
DSS Tools	File is not a DB. Can be accessed using any programming language/software capable of reading non-delimited flat text files. This includes SAS, SPSS, FOCUS, PLI/1, COBOL., C.

SYSTEM REQUIREMENTS

Licensing	Users must complete Privacy Agreement with Knowledgement Management & Reporting Branch
Software Requirements	See DSS Tools
User Platform	☐ Web browser ☒ Windows 2000/XP ☒Mac OS 9 / X ☒Unix ☒Linux ☒Others OS/MVS
Network Requirements	n/a

CONTACTS

Support/Questions	Support Organization	Title	Name	Phone #	E-Mail
For Ontario Data	Knowledge Management & Reporting Branch	Data Information Access Analyst	Ms. Mahroo Afrashteh	(416) 327-7724	Mahroo.Afrashteh@moh.gov.on.ca
For other provinces' data:	Canadian Institute for Health Information			(416) 481-2002	nacrs@cihi.ca

ADDITIONAL NOTES

National:
Resources available – *National Ambulatory Care Reporting System Manual* and *Comprehensive Ambulatory Classification System Directory (CACS)*

Ontario:
Ontario clients should contact Knowledge Management & Reporting Branch for documentation/questions/access to data.

National Health Expenditure Database (NHEX)

Data Categories		☐ Clinical ☐ Demographics ☒ Financial ☐ Health HR ☐ Reference ☐ Surveys ☐ Other: _____					
Health Topics	**Services**	☐ Acute Care ☐ Community Care ☐ Complex Continuing Care ☐ Emergency Care ☐ Long-Term Care ☐ Mental Health/Addictions ☐ Palliative Care ☐ Primary Care ☐ Rehabilitation ☐ Other: _____					
	Wait Time Related	☐ Cancer Services ☐ Cardiac Services ☐ Cataract Surgery ☐ Hip/Knee Joint Replacement ☐ MRI/CT Scan ☐ Other: _____					
	Age Groups	☐ Children (0-11) ☐ Youth (12-17) ☐ Adult (18-64) ☐ Seniors (65+)					
	Other Topics	☐ Diabetes ☐ Morbidity ☐ Mortality ☐ Osteoporosis ☐ Paediatrics ☐ Patient Safety ☐ Prescription Drugs ☐ Trauma/Injuries ☐ Women's Health ☐ Other: _____					
Web URL	**Information:**	http://www.cihi.ca			**Login:**		

Overview

Description	The National Health Expenditure Database (NHEX) is part of the CIHI Health Spending Databases. It provides an overview of all health expenditures in Canada, by spending category and source of funding. Data is extracted from diverse public documents. It includes national and provincial and territorial public accounts and other financial reports. Other sources included are private insurance companies, AC Nielsen Canada and Statistics Canada. The database contains expenditure data on over 40 categories, 5 sources of finance (federal, provincial, territorial, municipal, workers' compensation boards, other social security funds and the private sector), by province and territory.					
Info Holding Owner	Canadian Institute for Health Information (CIHI)					
MOHLTC Owns:	☐ Unrestricted Copy ☐ Restricted Copy ☒ Does not own a copy ☐ Not Applicable				**Copy Owner:**	
Target Audience	CIHI, Provincial and territorial ministries of health, decision and policy-makers, Health Canada, Statistics Canada, public health and health care researchers, health care administrators.					
Data Sources	☐ Primary ☒ Secondary		**Sources**	Data are extracted manually from diverse public documents, including national and provincial/territorial public accounts and other financial reports. Other sources include private insurance companies, AC Nielsen Canada and Statistics Canada.		
Population Groups						
Data Granularity	☐ Personal ☒ Anonymous ☐ Pseudonymous ☐ Aggregated				**Aggregation Levels:**	

DATA TABLES

Table Name	Table Description	Primary Identifiers	Data Collection Location	Resident and/or Provider	Geographic Codes (Postal, LHIN...)	Data Availability
National Health Expenditure	Expenditure data on over 40 spending categories, on 5 sources of financing (federal, provincial or territorial, municipal, worker compensation boards and the private sector).					Earliest Data: 1975 Latest Data: 2002 (actual) 2003 and 2004 (forecast) Update Freq.: Mandatory?

USAGE CONSTRAINTS

Privacy Constraints	CIHI has in place a comprehensive Privacy, Confidentiality and Security Program. One key element of the program is CIHI's statement of principles and policies that guides CIHI's operations and informs others of CIHI's practices. The principles and policies are reviewed and updated regularly. The principles and policies are set out in the document Privacy and Confidentiality of Health Information at CIHI: *Principles and Policies for the Protection of Personal Health Information and Policies for Institution-Identifiable Information, 3rd Edition.* See link: http://www.cihi.ca
Restricted Copy Rules	
Derived Works Limitations	

DATA ACCESS

Network Accessibility	☐ None ☒ Internet ☐ Intranet ☐ VPN ☐ SSHA Network ☐ Others:_____
DSS Tools	

SYSTEM REQUIREMENTS

Licensing	
Software Requirements	
User Platform	☒ Web browser ☐ Windows 2000/XP ☐ Mac OS 9 / X ☐ Unix ☐ Linux
Network Requirements	

CONTACTS

Support/Questions	Support Organization	Title	Name	Phone #	E-Mail
	Canadian Institute for Health Information			(613) 241-7860	nhex@cihi.ca

ADDITIONAL NOTES

Resources Available – *National Health Expenditure Database Data Elements.*

National Physician Database (NPDB)

Data Categories		☐ Clinical ☒ Demographics ☐ Financial ☒ Health HR ☐ Reference ☐ Surveys ☐ Other: _____					
Health Topics	**Services**	☐ Acute Care ☐ Community Care ☐ Complex Continuing Care ☐ Emergency Care ☐ Long-Term Care ☐ Mental Health/Addictions ☐ Palliative Care ☐ Primary Care ☐ Rehabilitation ☐ Other: _____					
	Wait Time Related	☐ Cancer Services ☐ Cardiac Services ☐ Cataract Surgery ☐ Hip/Knee Joint Replacement ☐ MRI/CT Scan ☐ Other: _____					
	Age Groups	☐ Children (0-11) ☐ Youth (12-17) ☐ Adult (18-64) ☐ Seniors (65+)					
	Other Topics	☐ Diabetes ☐ Morbidity ☐ Mortality ☐ Osteoporosis ☐ Paediatrics ☐ Patient Safety ☐ Prescription Drugs ☐ Trauma/Injuries ☐ Women's Health ☐ Other: _____					
Web URL	**Information:**	http://www.cihi.ca		**Login:**			

Overview

Description	The National Physician Database (NPDB) contains data on fee-for-service physician payments in Canada. It is part of the CIHI Health Human Resources Databases and contains socio-demographic, payment and service utilization data of fee-for-service physicians and service utilization data, by age-group and sex, of their patients.				
Info Holding Owner	Canadian Institute for Health Information (CIHI)				
MOHLTC Owns:	☐ Unrestricted Copy ☐ Restricted Copy ☒ Does not own a copy ☐ Not Applicable			**Copy Owner:**	
Target Audience	CIHI, Provincial and territorial ministries of health, decision and policy-makers, Health Canada, Statistics Canada, public health and health care researchers, health care administrators.				
Data Sources	☐ Primary ☒ Secondary	**Sources:**	Provincial and territorial medical health care insurance plans.		
Population Groups					
Data Granularity	☐ Personal ☒ Anonymous ☐ Pseudonymous ☐ Aggregated			**Aggregation Levels:**	

DATA TABLES

Table Name	Table Description	Primary Identifiers	Data Collection Location	Resident and/or Provider	Geographic Codes (Postal, LHIN...)	Data Availability
National Physician DB	Socio-demographic, payment and service utilization data of fee-for-service physicians, service utilization data by age group and sex of patients.					Earliest Data: 1989/1990 Latest Data: 2002/2003 Update Freq.: Mandatory?

USAGE CONSTRAINTS

Privacy Constraints	CIHI has in place a comprehensive Privacy, Confidentiality and Security Program. One key element of the program is CIHI's statement of principles and policies that guides CIHI's operations and informs others of CIHI's practices. The principles and policies are reviewed and updated regularly. The principles and policies are set out in the document Privacy and Confidentiality of Health Information at CIHI: *Principles and Policies for the Protection of Personal Health Information and Policies for Institution-Identifiable Information, 3rd Edition.* See link: http://www.cihi.ca.
Restricted Copy Rules	
Derived Works Limitations	

DATA ACCESS

Network Accessibility	☐ None ☒ Internet ☐ Intranet ☐ VPN ☐ SSHA Network ☐ Others:_____
DSS Tools	

SYSTEM REQUIREMENTS

Licensing	
Software Requirements	
User Platform	☒ Web browser ☐ Windows 2000/XP ☐ Mac OS 9 / X ☐ Unix ☐ Linux
Network Requirements	

CONTACTS

Support/Questions	Support Organization	Title	Name	Phone #	E-Mail
	Canadian Institute for Health Information			(613) 241-7860	npdb@cihi.ca

ADDITIONAL NOTES

Resources available – *National Physician Database Data Submission Specifications Manual*

National Prescription Drug Utilization Information System (NPDUIS)

Data Categories		☐ Clinical ☐ Demographics ☐ Financial ☐ Health HR ☐ Reference ☐ Surveys ☒ Other: - Drug Benefits					
Health Topics	**Services**	☐ Acute Care ☐ Community Care ☐ Complex Continuing Care ☐ Emergency Care ☐ Long-Term Care ☐ Mental Health/Addictions ☐ Palliative Care ☐ Primary Care ☐ Rehabilitation ☐ Other: _____					
	Wait Time Related	☐ Cancer Services ☐ Cardiac Services ☐ Cataract Surgery ☐ Hip/Knee Joint Replacement ☐ MRI/CT Scan ☐ Other: _____					
	Age Groups	☐ Children (0-11) ☐ Youth (12-17) ☐ Adult (18-64) ☐ Seniors (65+)					
	Other Topics	☐ Diabetes ☐ Morbidity ☐ Mortality ☐ Osteoporosis ☐ Paediatrics ☐ Patient Safety ☒ Prescription Drugs ☐ Trauma/Injuries ☐ Women's Health ☐ Other: _____					
Web URL	**Information:**	http://www.cihi.ca			**Login:**		

Overview

Description	The National Prescription Drug Utilization Information System (NPDUIS) is pan-Canadian information system housing information related to drug benefit formularies, drug claims, drug plans and population statistics. The NPDUIS will provide accurate and timely national prescription drug utilization information. The database is under development and a progressive rollout will be based on readiness of the modules and the data providers. This first phase of NPDUIS will collect data from the public drug plans across Canada.			
Info Holding Owner	Canadian Institute for Health Information (CIHI)			
MOHLTC Owns:	☐ Unrestricted Copy ☐ Restricted Copy ☒ Does not own a copy ☐ Not Applicable		**Copy Owner:**	
Target Audience	CIHI, Provincial and territorial ministries of health, decision and policy-makers, Health Canada, Statistics Canada, public health and health care researchers, health care administrators.			
Data Sources	☐ Primary ☒ Secondary	**Sources:**	Federal/provincial/territorial public drug plan programs	
Population Groups				
Data Granularity	☐ Personal ☒ Anonymous ☐ Pseudonymous ☐ Aggregated	**Aggregation Levels:**		

DATA TABLES

Table Name	Table Description	Primary Identifiers	Data Collection Location	Resident and/or Provider	Geographic Codes (Postal, LHIN...)	Data Availability
Drug Product and Formulary Module	This module provides registered users with standardized drug product information and comparable data on publicly funded drug formularies in Canada.					Earliest Data: 2001/01/01 Latest Data: 2005/08/01 Update Freq.: as available Mandatory?

DATA TABLES

Table Name	Table Description	Primary Identifiers	Data Collection Location	Resident and/or Provider	Geographic Codes (Postal, LHIN...)	Data Availability
Claims Module	The Claims module collects individual claims-level data from publicly funded drug plans. This centralized information will allow registered users to access national claims information to measure and analyze drug utilization in Canada.					Earliest Data: 2003/07 Latest Data: 2005/07 Update Freq.: quarterly Mandatory? _____
Population Statistics Module	The Population module will provide registered users with demographic information on comparative population statistics. It will allow for comparability among jurisdictions and a better understanding of the populations using drugs across Canada.					Earliest Data: _____ Latest Data: _____ Update Freq.: _____ Mandatory? _____
Plan Information Module	The Plan Information module will provide people with a variety of details on publicly funded plans available in Canada. It will allow for comparability among jurisdictions and a better understanding of how different drug plans are administered across Canada.					Earliest Data: 2005/06 Latest Data: _____ Update Freq.: Semi-annually Mandatory? _____

USAGE CONSTRAINTS

Privacy Constraints	CIHI has in place a comprehensive Privacy, Confidentiality and Security Program. One key element of the program is CIHI's statement of principles and policies that guides CIHI's operations and informs others of CIHI's practices. The principles and policies are reviewed and updated regularly. The principles and policies are set out in the document Privacy and Confidentiality of Health Information at CIHI: *Principles and Policies for the Protection of Personal Health Information and Policies for Institution-Identifiable Information, 3rd Edition.* See link: http://www.cihi.ca.
Restricted Copy Rules	
Derived Works Limitations	

DATA ACCESS

Network Accessibility	☐ None ☐ Internet ☐ Intranet ☐ VPN ☐ SSHA Network ☐ Others: _____
DSS Tools	

SYSTEM REQUIREMENTS

Licensing	
Software Requirements	
User Platform	☐ Web browser ☐ Windows 2000/XP ☐ Mac OS 9 / X ☐ Unix ☐ Linux
Network Requirements	

CONTACTS

Support/Questions	Support Organization	Title	Name	Phone #	E-Mail
	Canadian Institute for Health Information			(613) 241-7860	drugs@cihi.ca

ADDITIONAL NOTES

National Rehabilitation Reporting System (NRS)

Data Categories		☒ Clinical ☒ Demographics ☐ Financial ☐ Health HR ☐ Reference ☐ Surveys ☐ Other: _____				
Health Topics	**Services**	☐ Acute Care ☐ Community Care ☐ Complex Continuing Care ☐ Emergency Care ☐ Long-Term Care ☒ Rehabilitation ☐ Other: _____				
	Wait Time Related	☐ Cancer Services ☐ Cardiac Services ☐ Cataract Surgery ☐ Hip/Knee Joint Replacement ☐ MRI/CT Scan ☒ Other – Wait Time for Admission for inpatient rehab				
	Age Groups	☐ Children (0-11) ☐ Youth (12-17) ☒ Adult (18-64) ☒ Seniors (65+)				
	Other Topics	☐ Diabetes ☐ Morbidity ☐ Mortality ☐ Osteoporosis ☐ Paediatrics ☐ Patient Safety ☐ Prescription Drugs ☐ Trauma/Injuries ☐ Women's Health ☐ Other: _____				
Web URL	**Information:**	http://www.cihi.ca		**Login:**		

Overview

Description	**National System:** The National Rehabilitation Reporting System (NRS) contains client data collected from participating adult inpatient rehabilitation facilities and programs across Canada. Data are collected at time of admission and discharge by service providers in participating facilities. There is also an optional post-discharge follow-up data collection process. Participants in the NRS must sign an end user license agreement with CIHI. NRS data elements are used to calculate a variety of indicators. Participation in all other provinces is voluntary. The data elements represented are in the following categories: socio-demographic, administrative (e.g. referral, admission and discharge), health characteristics, activities and participation and interventions. The activities and participation data are collected using the 18-item Functional Independence Measure (FIM™) instrument and an additional assessment measure developed at CIHI that provides additional detailed information on cognitive functioning abilities of rehabilitation clients. **Ontario:** Ontario has mandated the collection and submission of NRS data in all designated adult rehabilitation beds since Oct 2002.		
Info Holding Owner	**National:** Ontario data is processed by Canadian Institute for Health Information (CIHI) and stored at CIHI for inclusion in national reports **Ontario** Copy of Ontario data is held by Knowledge Management and Reporting Branch, IPP		
MOHLTC Owns:	☐ Unrestricted Copy ☒ Restricted Copy ☐ Does not own a copy ☐ Not Applicable	**Copy Owner:**	Knowledge Management & Reporting Branch, IPP
Target Audience	CIHI, provincial and territorial ministries of health, decision and policy-makers, Health Canada, Statistics Canada, public health and health care researchers, health care administrators and service providers.		
Data Sources	☒ Primary ☐ Secondary	**Sources:**	Data are collected at time of admission and discharge by service providers in participating facilities. There is also an optional post-discharge follow-up data collection process. Participants in the NRS must sign an end user license agreement with CIHI.

Population Groups	Ontario: Adult patients treated in rehabilitation hospitals						
Data Granularity	☒ Personal	☐ Anonymous	☒ Pseudonymous	☐ Aggregated	**Aggregation Levels:**	CIHI collects unique client identifiers but not client names.	

DATA TABLES

Table Name	Table Description	Primary Identifiers	Data Collection Location	Resident and/or Provider	Geographic Codes (Postal, LHIN...)	Data Availability	
National Rehabilitation Reporting System	Socio-demographic information, administrative data (referral, admission, discharge), health characteristics, activities and participation (Activities of Daily Living, communication, social interaction), intervention	- Master Number - Health Card Number - Chart Number - Date of Admission - Episode Number	Inpatient Rehabilitation facilities (freestanding) or programs in acute care facilities	Patient and Provider	Patient Postal Code can be rolled up to Region, PHU, LHIN Hospital Master Number can be rolled up to Region, County / Municipality, PHU, LHIN	Earliest Data: Latest Data: Update Freq.: Mandatory?	Oct. 2002-Mar. 2003 2004-2005 Quarterly in 05/06 Yes

USAGE CONSTRAINTS

Privacy Constraints	**National** CIHI has in place a comprehensive Privacy, Confidentiality and Security Program. One key element of the program is CIHI's statement of principles and policies that guides CIHI's operations and informs others of CIHI's practices. The principles and policies are reviewed and updated regularly. The principles and policies are set out in the document Privacy and Confidentiality of Health Information at CIHI: *Principles and Policies for the Protection of Personal Health Information and Policies for Institution-Identifiable Information, 3rd Edition*. See link: http://www.cihi.ca **Ontario**: Access to the file requires signing of Data Access agreement with Knowledge Management & Reporting Branch. Agreement covers all aspects of patient privacy, confidentiality, authorized use, data disposal
Restricted Copy Rules	Health Card Numbers uniquely encrypted for each user. Small cell counts/residual rules to be applied
Derived Works Limitations	As specified in Data Access Agreement

DATA ACCESS

Network Accessibility	☐ None ☐ Internet ☒ Intranet ☒ VPN ☐ SSHA Network ☒ Others CD, Tape
DSS Tools	Files are not in a DB. Can be accessed using any programming language/software capable of reading non-delimited flat text files. This includes SAS, SPSS, FOCUS, PL/1, COBOL., C.

SYSTEM REQUIREMENTS

Licensing	Users must complete Data Access Agreement with Knowledge Management & Reporting Branch
Software Requirements	See DSS Tools
User Platform	☐ Web browser ☒ Windows 2000/XP ☒Mac OS 9 / X ☒Unix ☒Linux
Network Requirements	n/a

CONTACTS

Support/Questions	Support Organization	Title	Name	Phone #	E-Mail
For Ontario Data:	Knowledge Management & Reporting Branch	Data Information Access Analyst	Ms. Mahroo Afrashteh	(416) 327-7724	Mahroo.Afrashteh@moh.gov.on.ca
For other provinces' data:	Canadian Institute for Health Information			(613) 241-7860	rehab@cihi.ca

ADDITIONAL NOTES

National:
Resources available – *Rehabilitation Minimum Data Set Manual for Inpatient Rehabilitation Services.*

Ontario:
Ontario clients should contact Knowledge Management & Reporting Branch for documentation/questions/access to data.

National Trauma Registry (NTR)

Data Categories		☒ Clinical ☒ Demographics ☐ Financial ☐ Health HR ☐ Reference ☐ Surveys ☐ Other: _____				
Health Topics	**Services**	☒ Acute Care ☐ Community Care ☐ Complex Continuing Care ☐ Emergency Care ☐ Long-Term Care ☐ Mental Health/Addictions ☐ Palliative Care ☐ Primary Care ☐ Rehabilitation ☐ Other: _____				
	Wait Time Related	☐ Cancer Services ☐ Cardiac Services ☐ Cataract Surgery ☐ Hip/Knee Joint Replacement ☐ MRI/CT Scan ☐ Other: _____				
	Age Groups	☒ Children (0-11) ☒ Youth (12-17) ☒ Adult (18-64) ☒ Seniors (65+)				
	Other Topics	☐ Diabetes ☐ Morbidity ☐ Mortality ☐ Osteoporosis ☐ Paediatrics ☐ Patient Safety ☐ Prescription Drugs ☒ Trauma/Injuries ☐ Women's Health ☐ Other: _____				
Web URL	**Information:**	http://www.cihi.ca		**Login:**		

Overview

Description	The National Trauma Registry (NTR) contains demographic, diagnostic and procedural information on all admissions to acute care hospitals in Canada due to injury. Data is abstracted from the Hospital Morbidity database, together with data from provincial trauma registries or trauma centres in Canada. The NTR identifies, describes and quantifies trauma (injuries) in Canada. The NTR has three data sets: • The Minimum Data Set (MDS) includes demographic, diagnostic and procedural information on all admissions to acute care hospitals in Canada due to injury. • The Comprehensive Data Set (CDS) contains data on patients hospitalized with major trauma. • The Death Data Set (DDS), which is currently under development, and will contain data on all deaths in Canada due to injury.				
Info Holding Owner	Canadian Institute for Health Information (CIHI)				
MOHLTC Owns:	☐ Unrestricted Copy ☐ Restricted Copy ☒ Does not own a copy ☐ Not Applicable			**Copy Owner:**	
Target Audience	CIHI, Provincial and territorial ministries of health, decision and policy-makers, Health Canada, Statistics Canada, public health and health care researchers.				
Data Sources	☐ Primary ☒ Secondary		**Sources:**	Data comes from the Hospital Morbidity Database and from provincial trauma registries or trauma centres in Canada.	
Population Groups					
Data Granularity	☐ Personal ☒ Anonymous ☐ Pseudonymous ☐ Aggregated			**Aggregation Levels:**	

DATA TABLES

Table Name	Table Description	Primary Identifiers	Data Collection Location	Resident and/or Provider	Geographic Codes (Postal, LHIN...)	Data Availability
Minimum Data Set (MDS)	Demographic, diagnostic and procedural information on all patients hospitalized in Canada due to injury.					Earliest Data: 1994/1995 Latest Data: 2001/2002 Update Freq.: Mandatory?
Comprehensive Data Set (CDS)	Patients hospitalized with major trauma.					Earliest Data: 1996/1997 Latest Data: 2002/2003 Update Freq.: Mandatory?
Death Data Set (DDS) (Under development)	All deaths in Canada due to injury.					Earliest Data: 1996/1997 Latest Data: 2002/2003 Update Freq.: Mandatory?

USAGE CONSTRAINTS

Privacy Constraints	CIHI has in place a comprehensive Privacy, Confidentiality and Security Program. One key element of the program is CIHI's statement of principles and policies that guides CIHI's operations and informs others of CIHI's practices. The principles and policies are reviewed and updated regularly. The principles and policies are set out in the document Privacy and Confidentiality of Health Information at CIHI: *Principles and Policies for the Protection of Personal Health Information and Policies for Institution-Identifiable Information, 3rd Edition.* See link: http://www.cihi.ca.
Restricted Copy Rules	
Derived Works Limitations	

DATA ACCESS

Network Accessibility	☐ None	☒ Internet	☐ Intranet	☐ VPN	☐ SSHA Network	☐ Others:_____
DSS Tools						

SYSTEM REQUIREMENTS

Licensing					
Software Requirements					
User Platform	☒ Web browser	☐ Windows 2000/XP	☐ Mac OS 9 / X	☐ Unix	☐ Linux
Network Requirements					

CONTACTS

Support/Questions	Support Organization	Title	Name	Phone #	E-Mail
	Canadian Institute for Health Information			(416) 481-2002	ntr@cihi.ca

ADDITIONAL NOTES

Data Element documentation is available on the CIHI website.

OECD Health Database (Canadian Segment)

Data Categories		☒ Clinical ☐ Other: _____	☒ Demographics	☒ Financial	☒ Health HR	☐ Reference	☐ Surveys
Health Topics	**Services**	☐ Acute Care ☐ Emergency Care ☐ Palliative Care	☐ Community Care ☐ Long-Term Care ☐ Primary Care	☐ Complex Continuing Care ☐ Mental Health/Addictions ☐ Rehabilitation	☐ Other: _____		
	Wait Time Related	☐ Cancer Services ☐ Hip/Knee Joint Replacement		☐ Cardiac Services ☐ MRI/CT Scan	☐ Cataract Surgery ☐ Other: _____		
	Age Groups	☐ Children (0-11)	☐ Youth (12-17)	☐ Adult (18-64)	☐ Seniors (65+)		
	Other Topics	☐ Diabetes ☐ Paediatrics ☐ Women's Health	☐ Morbidity ☐ Patient Safety ☐ Other: _____	☐ Mortality ☐ Prescription Drugs	☐ Osteoporosis ☐ Trauma/Injuries		
Web URL	**Information:**	http://www.cihi.ca		**Login:**			

Overview

Description	The OECD (Organization for Economic Co-operation and Development) Health Database contains information on health care spending, health care services and health status among member countries of the OECD. CIHI and Statistics Canada maintain the Canadian segment of the OECD Health Database. The purpose of the OECD Health Database (Canadian Segment) is to collect and process a consistent series of internationally comparable health care data for the 1200 variables contained in the OECD health database. This facilitates international comparative reporting, supports policy planning and decision making at the provincial, territorial and national levels and supports related analysis and research by other organizations. The OECD health database is divided into 10 parts: Health Status, Health Care Resources, Health Care Utilization, Expenditure on Health, Financing and Remuneration, Social Protection, Pharmaceutical market, Non-medical Determinants of Health, Demographic References and Economic References. The OECD Health Database (Canadian Segment) is part of the CIHI's Health Spending Databases.			
Info Holding Owner	Canadian Institute for Health Information (CIHI)			
MOHLTC Owns:	☐ Unrestricted Copy ☐ Restricted Copy ☒ Does not own a copy ☐ Not Applicable		**Copy Owner:**	
Target Audience	CIHI, provincial and territorial ministries of health, decision and policy-makers, Health Canada, Statistics Canada, public health and health care researchers, health care administrators, OECD.			
Data Sources	☐ Primary ☒ Secondary	**Sources:**	Most Canadian data originate from databases maintained by CIHI and Statistics Canada, such as the health expenditures, health services, and health professionals databases at CIHI and the demographic and vital statistics databases at Statistics Canada.	
Population Groups				
Data Granularity	☐ Personal ☐ Anonymous ☐ Pseudonymous ☒ Aggregated	**Aggregation Levels:**		

DATA TABLES

Table Name	Table Description	Primary Identifiers	Data Collection Location	Resident and/or Provider	Geographic Codes (Postal, LHIN...)	Data Availability
OECD Health Database	Divided into 10 parts: health status, health care resources, health care utilization, expenditure on health, health care financing, social protection, pharmaceutical market, non-medical determinants of health, demographic and economic references.					Earliest Data: 1960 Latest Data: 2004 Update Freq.: at least twice a year Mandatory? yes

USAGE CONSTRAINTS

Privacy Constraints	CIHI has in place a comprehensive Privacy, Confidentiality and Security Program. One key element of the program is CIHI's statement of principles and policies that guides CIHI's operations and informs others of CIHI's practices. The principles and policies are reviewed and updated regularly. The principles and policies are set out in the document Privacy and Confidentiality of Health Information at CIHI: *Principles and Policies for the Protection of Personal Health Information and Policies for Institution-Identifiable Information, 3rd Edition*. See link: http://www.cihi.ca.
Restricted Copy Rules	
Derived Works Limitations	

DATA ACCESS

Network Accessibility	☐ None ☒ Internet ☐ Intranet ☐ VPN ☐ SSHA Network ☐ Others:_____
DSS Tools	

SYSTEM REQUIREMENTS

Licensing	
Software Requirements	
User Platform	☒ Web browser ☐ Windows 2000/XP ☐ Mac OS 9 / X ☐ Unix ☐ Linux
Network Requirements	

CONTACTS

Support/Questions	Support Organization	Title	Name	Phone #	E-Mail
	Canadian Institute for Health Information			(613) 241-7860	oecdcs@cihi.ca
	Statistics Canada			1 (800) 263-1136	infostat@statca.ca

ADDITIONAL NOTES

Resources available - *OECD Data Elements documentation.*

Ontario Trauma Registry (OTR)

Data Categories		☒ Clinical ☒ Demographics ☐ Financial ☐ Health HR ☐ Reference ☐ Surveys ☐ Other: _____					
Health Topics	**Services**	☒ Acute Care ☐ Community Care ☐ Complex Continuing Care ☐ Emergency Care ☐ Long-Term Care ☐ Mental Health/Addictions ☐ Palliative Care ☐ Primary Care ☐ Rehabilitation ☐ Other: _____					
	Wait Time Related	☐ Cancer Services ☐ Cardiac Services ☐ Cataract Surgery ☐ Hip/Knee Joint Replacement ☐ MRI/CT Scan ☐ Other: _____					
	Age Groups	☒ Children (0-11) ☒ Youth (12-17) ☒ Adult (18-64) ☒ Seniors (65+)					
	Other Topics	☐ Diabetes ☐ Morbidity ☐ Mortality ☐ Osteoporosis ☐ Paediatrics ☐ Patient Safety ☐ Prescription Drugs ☒ Trauma/Injuries ☐ Women's Health ☐ Other: _____					
Web URL	**Information:**				**Login:**		

Overview

Description	The Ontario Trauma Registry (OTR) contains demographic, diagnostic and procedural data on all admissions to acute care hospitals in Ontario due to injury, plus detailed data on major trauma, and data on all deaths in Ontario due to injury. The OTR identifies, describes and quantifies trauma (injuries) in Ontario. The OTR has three data sets: • The Minimal Data Set (MDS) contains demographic, diagnostic and procedural data on all admissions to acute care hospitals in Ontario due to injury. • The Comprehensive Data Set (CDS) contains detailed data on patients hospitalized in 11 lead trauma facilities in Ontario due to major trauma, including demographic, pre-hospital and hospital care, patient outcomes and six-month follow-up. • The Death Data Set (DDS) contains data on all deaths in Ontario due to injury, including demographic data, cause of death, injury details, motor vehicle crash information and factors contributing to death (such as alcohol).
Info Holding Owner	Canadian Institute for Health Information (CIHI)
MOHLTC Owns:	☐ Unrestricted Copy ☐ Restricted Copy ☒ Does not own a copy ☐ Not Applicable **Copy Owner:** See Additional Notes
Target Audience	CIHI, provincial and territorial ministries of health, decision and policy-makers, Health Canada, Statistics Canada, public health and health care researchers.
Data Sources	☒ Primary ☒ Secondary **Sources**: Data comes from the Discharge Abstract Database (DAD), Ontario's 11 trauma centres and Ontario's Office of the Chief Coroner.
Population Groups	Ontario: Patients admitted to Ontario acute care hospitals as the result of trauma
Data Granularity	☒ Personal ☒ Anonymous ☐ Pseudonymous ☐ Aggregated **Aggregation Levels:**

DATA TABLES

Table Name	Table Description	Primary Identifiers	Data Collection Location	Resident and/or Provider	Geographic Codes (Postal, LHIN...)	Data Availability
Minimum Data Set (MDS)	Patient demographics with diagnostic and intervention services on all patients hospitalized in Ontario due to injury.					Earliest Data: Latest Data: 2002-2003 Update Freq.: Mandatory?
Comprehensive Data Set (CDS)	Detailed hospitalization care and outcomes on patients hospitalized in 11 participating hospitals in Ontario due to major trauma, includes demographic and six-month follow-up.					Earliest Data: 2000-2001 Latest Data: 2002-2003 Update Freq.: Mandatory?
Death Data Set (DDS)	Deaths due to injury and circumstances of death, including demographic, cause of death, injury details, motor crash and factors contributing to death (i.e.- alcohol).					Earliest Data: 2000-2001 Latest Data: 2001-2002 Update Freq.: Mandatory?

USAGE CONSTRAINTS

Privacy Constraints	CIHI has in place a comprehensive Privacy, Confidentiality and Security Program. One key element of the program is CIHI's statement of principles and policies that guides CIHI's operations and informs others of CIHI's practices. The principles and policies are reviewed and updated regularly. The principles and policies are set out in the document Privacy and Confidentiality of Health Information at CIHI: *Principles and Policies for the Protection of Personal Health Information and Policies for Institution-Identifiable Information, 3rd Edition.* See link: http://www.cihi.ca.
Restricted Copy Rules	
Derived Works Limitations	

DATA ACCESS

Network Accessibility	☐ None	☐ Internet	☐ Intranet	☐ VPN	☐ SSHA Network	☒ Others: Cd, Tape
DSS Tools						

SYSTEM REQUIREMENTS

Licensing					
Software Requirements					
User Platform	☐ Web browser	☐ Windows 2000/XP	☐ Mac OS 9 / X	☐ Unix	☐ Linux
Network Requirements					

CONTACTS

Support/Questions	Support Organization	Title	Name	Phone #	E-Mail
	Canadian Institute for Health Information			(416) 481-2002	otr@cihi.ca

ADDITIONAL NOTES

Resources available - *Minimum Data Set (MDS), Comprehensive Data Set (CDS) and Death Data Set (DDS) Data Elements* documentation.

Ontario:
At the present time the ministry does not receive a copy of the OTR file on a scheduled basis as interest in this source has been almost non-existent, however it can be arranged if required. If you are interested in accessing this data please contact:
Ms. Mahroo Afrashteh
Data Information Access Analyst
Knowledge Management & Reporting Branch
Mahroo.afrashteh@moh.gov.on.ca
(416) 327-7724

Note that as this would be a special order there may be some costs involved for the user.

Registered Nurses Database (RNDB)

Data Categories		☐ Clinical ☒ Demographics ☐ Financial ☒ Health HR ☐ Reference ☐ Surveys ☐ Other: _____				
Health Topics	**Services**	☐ Acute Care ☐ Community Care ☐ Complex Continuing Care ☐ Emergency Care ☐ Long-Term Care ☐ Mental Health/Addictions ☐ Palliative Care ☐ Primary Care ☐ Rehabilitation ☐ Other: _____				
	Wait Time Related	☐ Cancer Services ☐ Cardiac Services ☐ Cataract Surgery ☐ Hip/Knee Joint Replacement ☐ MRI/CT Scan ☐ Other: _____				
	Age Groups	☐ Children (0-11) ☐ Youth (12-17) ☐ Adult (18-64) ☐ Seniors (65+)				
	Other Topics	☐ Diabetes ☐ Morbidity ☐ Mortality ☐ Osteoporosis ☐ Paediatrics ☐ Patient Safety ☐ Prescription Drugs ☐ Trauma/Injuries ☐ Women's Health ☐ Other: _____				
Web URL	**Information:**	http://www.cihi.ca		**Login:**		

Overview

Description	The Registered Nurses Database (RNDB) is part of the CIHI Health Human Resources Databases. It contains supply and distribution information for the registered nursing workforce in Canada from 1980 to the present. A data agreement governs the collection of RN data. Under the current agreement, each regulatory authority submits 20 data elements collected from each registered nurse on registration forms. The RNDB contains information about nurse demographics (e.g. age, gender, etc.), employment (e.g. active, abroad, etc.), school and year of graduation.			
Info Holding Owner	Canadian Institute for Health Information (CIHI)			
MOHLTC Owns:	☐ Unrestricted Copy ☐ Restricted Copy ☒ Does not own a copy ☐ Not Applicable		**Copy Owner:**	
Target Audience	CIHI, Provincial and territorial ministries of health, decision and policy-makers, Health Canada, Statistics Canada, public health and health care researchers, health care administrators.			
Data Sources	☐ Primary ☒ Secondary	**Sources**:	Each year, RNs complete a mandatory registration form for obtaining a license to practice. Through an agreement signed by the 12 provincial/territorial nursing associations responsible for RN licensure, CIHI and the Canadian Nurses Association, a subset of these data is submitted to CIHI annually.	
Population Groups				
Data Granularity	☐ Personal ☒ Anonymous ☐ Pseudonymous ☐ Aggregated	**Aggregation Levels:**		

DATA TABLES

Table Name	Table Description	Primary Identifiers	Data Collection Location	Resident and/or Provider	Geographic Codes (Postal, LHIN...)	Data Availability
Registered Nurses Database	Demographic, employment and education.					Earliest Data: 1980-2003 Latest Data: 2004 (September 2005) Update Freq.: Mandatory?

USAGE CONSTRAINTS

Privacy Constraints	CIHI has in place a comprehensive Privacy, Confidentiality and Security Program. One key element of the program is CIHI's statement of principles and policies that guides CIHI's operations and informs others of CIHI's practices. The principles and policies are reviewed and updated regularly. The principles and policies are set out in the document Privacy and Confidentiality of Health Information at CIHI: *Principles and Policies for the Protection of Personal Health Information and Policies for Institution-Identifiable Information, 3rd Edition.* See link: http://www.cihi.ca.
Restricted Copy Rules	
Derived Works Limitations	

DATA ACCESS

Network Accessibility	☐ None	☒ Internet	☐ Intranet	☐ VPN	☐ SSHA Network	☐ Others:_____
DSS Tools						

SYSTEM REQUIREMENTS

Licensing					
Software Requirements					
User Platform	☒ Web browser	☐ Windows 2000/XP	☐ Mac OS 9 / X	☐ Unix	☐ Linux
Network Requirements					

CONTACTS

Support/Questions	Support Organization	Title	Name	Phone #	E-Mail
	Canadian Institute for Health Information			(613) 241-7860	nursing@cihi.ca

ADDITIONAL NOTES

Resources Available – *Registered Nurses Database Data Dictionary* and *Data Submission Specifications Manual.*

Southam Medical Database (SMDB)

Data Categories		☐ Clinical ☒ Demographics ☐ Financial ☒ Health HR ☐ Reference ☐ Surveys ☐ Other: _____				
Health Topics	**Services**	☐ Acute Care ☐ Community Care ☐ Complex Continuing Care ☐ Emergency Care ☐ Long-Term Care ☐ Mental Health/Addictions ☐ Palliative Care ☐ Primary Care ☐ Rehabilitation ☐ Other: _____				
	Wait Time Related	☐ Cancer Services ☐ Cardiac Services ☐ Cataract Surgery ☐ Hip/Knee Joint Replacement ☐ MRI/CT Scan ☐ Other: _____				
	Age Groups	☐ Children (0-11) ☐ Youth (12-17) ☐ Adult (18-64) ☐ Seniors (65+)				
	Other Topics	☐ Diabetes ☐ Morbidity ☐ Mortality ☐ Osteoporosis ☐ Paediatrics ☐ Patient Safety ☐ Prescription Drugs ☐ Trauma/Injuries ☐ Women's Health ☐ Other: _____				
Web URL	**Information:**	http://www.cihi.ca		**Login:**		

Overview

Description	The Southam Medical Database (SMDB) is part of the CIHI Health Human Resources Databases. It provides information on the supply, distribution and migration (inter-provincial and international) patterns of Canadian physicians. The SMDB contains information about physician demographics (e.g. age, gender, etc.), specialty (most recent certified medical specialty), primary medical interest (self-reported area of medical interest), activity status (e.g. active, abroad, etc.), registration status, hospital affiliation and appointment country, school and year of M.D. graduation.				
Info Holding Owner	Canadian Institute for Health Information (CIHI)				
MOHLTC Owns:	☐ Unrestricted Copy ☐ Restricted Copy ☒ Does not own a copy ☐ Not Applicable			**Copy Owner:**	
Target Audience	CIHI, Provincial and territorial ministries of health, decision and policy-makers, Health Canada, Statistics Canada, public health and health care researchers, health care administrators.				
Data Sources	☐ Primary ☒ Secondary	**Sources:**	CIHI purchases data annually from the Business Information Group, a division of Hollinger Canadian Newspaper LP (formerly Southam Medical Group, a division of Southam Inc.).		
Population Groups					
Data Granularity	☐ Personal ☒ Anonymous ☐ Pseudonymous ☐ Aggregated			**Aggregation Levels:**	

DATA TABLES

Table Name	Table Description	Primary Identifiers	Data Collection Location	Resident and/or Provider	Geographic Codes (Postal, LHIN...)	Data Availability
Southam Physician Database	Demographics, specialty, primary interest, activity status, registration status, hospital affiliation and appointment country, school and year of MD graduation.					Earliest Data: 1980-2002 Latest Data: 2003 Update Freq.: Mandatory?

USAGE CONSTRAINTS

Privacy Constraints	CIHI has in place a comprehensive Privacy, Confidentiality and Security Program. One key element of the program is CIHI's statement of principles and policies that guides CIHI's operations and informs others of CIHI's practices. The principles and policies are reviewed and updated regularly. The principles and policies are set out in the document Privacy and Confidentiality of Health Information at CIHI: *Principles and Policies for the Protection of Personal Health Information and Policies for Institution-Identifiable Information, 3rd Edition.* See link: http://www.cihi.ca.
Restricted Copy Rules	
Derived Works Limitations	

DATA ACCESS

Network Accessibility	☐ None ☒ Internet ☐ Intranet ☐ VPN ☐ SSHA Network ☐ Others:_____
DSS Tools	

SYSTEM REQUIREMENTS

Licensing	
Software Requirements	
User Platform	☒ Web browser ☐ Windows 2000/XP ☐ Mac OS 9 / X ☐ Unix ☐ Linux
Network Requirements	

CONTACTS

Support/Questions	Support Organization	Title	Name	Phone #	E-Mail
	Canadian Institute for Health Information			(613) 241-7860	smdb@cihi.ca

ADDITIONAL NOTES

Resources available – *Southam Medical Database Data Elements* documentation.

Therapeutic Abortions Database (TADB)

Data Categories		☒ Clinical ☒ Demographics ☐ Financial ☐ Health HR ☐ Reference ☐ Surveys ☐ Other: _____
Health Topics	**Services**	☒ Acute Care ☐ Community Care ☐ Complex Continuing Care ☐ Emergency Care ☐ Long-Term Care ☐ Mental Health/Addictions ☐ Palliative Care ☐ Primary Care ☐ Rehabilitation ☐ Other: _____
	Wait Time Related	☐ Cancer Services ☐ Cardiac Services ☐ Cataract Surgery ☐ Hip/Knee Joint Replacement ☐ MRI/CT Scan ☐ Other: _____
	Age Groups	☐ Children (0-11) ☐ Youth (12-17) ☐ Adult (18-64) ☐ Seniors (65+)
	Other Topics	☐ Diabetes ☐ Morbidity ☐ Mortality ☐ Osteoporosis ☐ Paediatrics ☐ Patient Safety ☐ Prescription Drugs ☐ Trauma/Injuries ☒ Women's Health ☐ Other: _____
Web URL	**Information:**	http://www.cihi.ca **Login:**

Overview

Description	The Therapeutic Abortions Database (TADB) is a national data holding that captures administrative, clinical, and demographic information on women obtaining an induced abortion in Canada. The TADB also includes data on Canadian women who obtained an induced abortion in selected key U.S. sates, primarily along the U.S. – Canada border.			
Info Holding Owner	Canadian Institute for Health Information (CIHI)			
MOHLTC Owns:	☐ Unrestricted Copy ☐ Restricted Copy ☒ Does not own a copy ☐ Not Applicable		**Copy Owner:**	
Target Audience	CIHI, Provincial and territorial ministries of health, decision and policy-makers, Health Canada, Statistics Canada, public health and health care researchers.			
Data Sources	☐ Primary ☒ Secondary	**Sources**:	Data suppliers include provincial and territorial ministries of health; hospitals, independent abortion clinics located in Canada, and selected departments of health in the United States.	
Population Groups				
Data Granularity	☐ Personal ☒ Anonymous ☐ Pseudonymous ☐ Aggregated	**Aggregation Levels:**		

DATA TABLES

Table Name	Table Description	Primary Identifiers	Data Collection Location	Resident and/or Provider	Geographic Codes (Postal, LHIN...)	Data Availability
Therapeutic Abortions	Patient demographics (e.g. age, province of residence), days of care and procedures.					Earliest Data: 1996-2001 1969-1995 (StatsCan Web site) Latest Data: 2002 (Feb 2005) Update Freq.: Mandatory?

USAGE CONSTRAINTS

Privacy Constraints	CIHI has in place a comprehensive Privacy, Confidentiality and Security Program. One key element of the program is CIHI's statement of principles and policies that guides CIHI's operations and informs others of CIHI's practices. The principles and policies are reviewed and updated regularly. The principles and policies are set out in the document Privacy and Confidentiality of Health Information at CIHI: *Principles and Policies for the Protection of Personal Health Information and Policies for Institution-Identifiable Information, 3rd Edition*. See link: http://www.cihi.ca.
Restricted Copy Rules	
Derived Works Limitations	Some jurisdictions provide only counts and not patient-specific data.

DATA ACCESS

Network Accessibility	☐ None ☒ Internet ☐ Intranet ☐ VPN ☐ SSHA Network ☐ Others:_____
DSS Tools	

SYSTEM REQUIREMENTS

Licensing	
Software Requirements	
User Platform	☒ Web browser ☐ Windows 2000/XP ☐ Mac OS 9 / X ☐ Unix ☐ Linux
Network Requirements	

CONTACTS

Support/Questions	Support Organization	Title	Name	Phone #	E-Mail
	Canadian Institute for Health Information			(416) 481-2002	ta@cihi.ca

ADDITIONAL NOTES

Resources available on the CIHI web site at http://www.cihi.ca/ta: e.g. Data Quality Documentation and Privacy Impact Assessment.

Information Holdings: Federal

Statistics Canada

22

Canadian Cancer Registry (CCR)

Data Categories		☒ Clinical ☒ Demographics ☐ Financial ☐ Health HR ☐ Reference ☐ Surveys ☐ Other: _____				
Health Topics	**Services**	☐ Acute Care ☐ Community Care ☐ Complex Continuing Care ☐ Emergency Care ☐ Long-Term Care ☐ Mental Health/Addictions ☐ Palliative Care ☐ Primary Care ☐ Rehabilitation ☐ Other: _____				
	Wait Time Related	☒ Cancer Services ☐ Cardiac Services ☐ Cataract Surgery ☐ Hip/Knee Joint Replacement ☐ MRI/CT Scan ☐ Other: _____				
	Age Groups	☒ Children (0-11) ☒ Youth (12-17) ☒ Adult (18-64) ☒ Seniors (65+)				
	Other Topics	☐ Diabetes ☐ Morbidity ☐ Mortality ☐ Osteoporosis ☐ Paediatrics ☐ Patient Safety ☐ Prescription Drugs ☐ Trauma/Injuries ☐ Women's Health ☐ Other: _____				
Web URL	**Information:**	http://www.statcan.ca/english/sdds/3207.htm		**Login:**		

Overview

Description	The Canadian Cancer Registry (CCR) is a dynamic database, maintained at Statistics Canada, of all Canadian residents alive or dead who have been diagnosed with cancer. The function of the Canadian Cancer Registry is to produce standardized and comparable cancer incidence data for each newly diagnosed primary site of cancer. The CCR is a patient-based system, in which are recorded the kind and number (incidence) of primary cancers diagnosed for each person over a number of years until death. The advantage of this system is that longitudinal data is available for each cancer patient. New primary cancers occurring for previous cancer patients are identified. The patient data is regularly linked to mortality data so that the date and cause of death of every cancer patient is eventually known. CCR is a collaborative effort between the thirteen Canadian provincial and territorial cancer registries and the Health Statistics Division of Statistics Canada, where the data are housed. Ultimate authority and responsibility for the degree of coverage and the quality of the data reside with the provinces and territories. Beginning with reference year 1992, information collected by the provincial and territorial cancer registries has been reported to the CCR. The data that comes into the CCR describes both, the individual with the cancer, and the characteristics of the cancer. The primary objective of the CCR is to provide a large database to study cancer patterns and trends and to monitor differences in cancer risks among different populations. Information about cancer incidence and survival in Canada is generated by the CCR. The information is used for descriptive and analytic epidemiological studies to: identify risk factors for the cancer; plan, monitor and evaluate a broad range of cancer control programs (e.g., screening); and, conduct research in health services and economics.
Info Holding Owner	Statistics Canada
MOHLTC Owns:	☐ Unrestricted Copy ☐ Restricted Copy ☒ Does not own a copy ☐ Not Applicable **Copy Owner:**
Target Audience	Public Domain
Data Sources	☐ Primary ☒ Secondary **Sources:**
Population Groups	All Canadians diagnosed with a primary invasive cancer tumour
Data Granularity	☐ Personal ☐ Anonymous ☐ Pseudonymous ☒ Aggregated **Aggregation Levels:**

DATA TABLES

Table Name	Table Description	Primary Identifiers	Data Collection Location	Resident and/or Provider	Geographic Codes (Postal, LHIN...)	Data Availability
Number of new cases and rate	Number of new cases and rate per 100,000 population for all combined ICD-0-3 primary sites of cancer, by sex and age group, Canada and provinces/territories		Statistics Canada		Province/Territory	Earliest Data: 1992 Latest Data: _____ Update Freq.: _____ Mandatory? _____
Number of persons diagnosed with a primary invasive tumour and rate	Number of persons diagnosed with a primary invasive tumour and rate per 100,000 population for all combined ICD-0-3 primary sites of cancer, by sex and age group, Canada and provinces/territories (revised 2004)		Statistics Canada		Province/Territory	Earliest Data: 1992 Latest Data: _____ Update Freq.: _____ Mandatory? _____
Number of new cases and age and sex standardized rates	Number of new cases and age and sex standardized rates for ICD-0-3 primary sites of cancer, by sex, Canada and provinces/territories		Statistics Canada		Province/Territory	Earliest Data: 1992 Latest Data: _____ Update Freq.: _____ Mandatory? _____

USAGE CONSTRAINTS

Privacy Constraints	
Restricted Copy Rules	
Derived Works Limitations	

DATA ACCESS

Network Accessibility	☐ None ☒ Internet ☐ Intranet ☐ VPN ☐ SSHA Network ☐ Others: _____
DSS Tools	SAS, TSO/ISPF, PL1, RAPID

SYSTEM REQUIREMENTS

Licensing	
Software Requirements	
User Platform	☐ Web browser ☐ Windows 2000/XP ☐ Mac OS 9 / X ☐ Unix ☐ Linux
Network Requirements	

CONTACTS

Support/Questions	Support Organization	Title	Name	Phone #	E-Mail
	Statistics Canada	Manager	Michel Cormier	(613) 951-1775	Michel.Cormier@statcan.ca

ADDITIONAL NOTES

The CCR is comprised of administrative data. Each provincial and territorial cancer registry supplies data on cancer patients and tumours in a standard, pre-edited format, on diskette or CD-ROM. Each year, approximately 145,000 new cancer tumour records are loaded on the Canadian Cancer Registry (CCR) patient-oriented database which is housed and maintained at Statistics Canada. Subsequent changes to registrations due to errors or omissions are also transmitted to Statistics Canada, as the information becomes available. Cancer records are loaded on the CCR database and those failing edits that ensure the validity of each data field and to check the compatibility of different data elements within a record are rejected and returned to the province for verification or correction. Each provincial and territorial cancer registry has the ability to add, update, delete, and change the ownership (by province) of records. The CCR can be updated with new records or changes to previous records, as part of regular submissions from the registries to Statistics Canada. The following three software modules perform the tasks of building and maintaining the data in the CCR database: Core Edit, Internal Record Linkage, and Death Clearance.

Glossary of Terms

Definitions of Terms Used to Categorize Information Holdings in the Cross-Reference Table

(Refining the terms is under development)

Term	Definition	Definition Source
Data Category		
Clinical	A method of describing medical work relating to the examination and treatment of ill people.	Controlled Clinical Vocabularies, CIHI – Partnership for Health Informatics/ Telematics (Adapted)
Demographics	Information regarding name, address, age, gender, and role. It specifically refers to population size and density, distribution, vital statistics and socio-economic information.	The Health Information Framework, Version 1, CIHI
Financial	A framework of detailed financial elements reflecting the scope of health care activity.	MOHLTC: Nursing Health Services, Research Unit
Health HR	Individuals who provide health care and health services to the public. This includes a wide variety of occupations ranging from physicians and nurses to allied health professionals such as medical laboratory technicians, pharmacists, psychologists and physiotherapists.	Health Canada: Health Care Renewal Website
Reference	An information holding, developed internally to be used as a reference or resource file to enable analysis and interpretation of information provided by other files. (At MOHLTC this includes the Master Numbering System File, Post Code Conversion Files and other reference information holdings.)	Developed and adapted internally
Surveys	A method of collecting data by asking a representative or a large group of people their opinions or behaviour.	Cambridge Advanced Dictionary (Adapted)
Services		
Acute Care	Care for patients who require immediate intervention and constant medical attention, equipment and personnel.	Health Canada, Health Care Network, Glossary of Terms
Community Care	All client-related health activities that occur in settings other than acute care hospitals and cancer clinics. These settings include community family or children's treatment centres or clinics, day care facilities, physician or dentist offices, retail pharmacies, home care, continuing or long-term care, palliative care, mental health facilities, schools, worker's compensation facilities and industrial workplaces. (It includes CCAC's, DHCs, seniors' care, public health laboratories and public health units.)	CIHI - Partnership for Health Informatics/Telematics
Complex Continuing Care (Chronic Care)	Services for patients requiring 24-hour nursing care and complex medical and diagnostic services. Patients may have physical, cognitive or behavioural conditions that limit their ability to live independently in the community. Marked by long duration, by frequent recurrence over a long time, and often by slowly progressing seriousness or not acute. The term "Chronic Care" is also used to refer to "Complex Continuing Care."	Health Canada, Health Care Network - Toxics Management Glossary (Adapted)
Emergency Care	Care for patients with severe or life-threatening conditions that require immediate medical attention.	Health Canada, Health Care Network, Glossary of Terms
Home Care	An array of services which enables clients incapacitated in whole or in part, to live at home, often with the effect of preventing, delaying, or substituting for long term care or acute care alternatives.	Federal/Provincial Working Group on Home Care

Term	Definition	Definition Source
Long-Term Care	The co-ordination of community care services provided by multi-service agencies (homemaking, personal, professional and community) that support and promote a continuum of health and social services (at home or in a care facility) together with those services offered by hospitals, long-term care facilities, mental health services, health care professionals and social service agencies.	Long-Term Care Act (Adapted)
Mental Health/Addictions	Mental health services comprise a mix of health, social, vocational, recreational, volunteer, occupational therapy, and educational services, as well as housing and income support. They include services ranging from mental health promotion and the prevention of mental health problems to the treatment of acute psychiatric disorders and the support and rehabilitation of persons with severe and persistent psychiatric disorders and disabilities.	Health Canada, Public Health Agency, Mental Health Website
Palliative Care	Coordinated support for individuals and families who are living with a life-threatening illness, usually at an advanced stage. It focuses on physical, psychological, social, cultural, emotional and spiritual needs of the ill person and his or her family. Palliative care services are delivered in various types of facilities. The term "End-of Life Care" is also used to refer to "Palliative Care".	Health Canada: Palliative Care Website
Primary Care	Comprehensive healthcare services provided by an individual's first level of contact with the health system. Services are provided through an interdisciplinary team of healthcare practitioners focusing on access, coordination and quality of care.	MOHLTC Website (Adapted)
Rehabilitation	Rehabilitation services include recovery from multiple traumatic injuries, organ transplants, amputations, cardiovascular surgery, strokes, and complex neurological and orthopaedic conditions. They provide time-limited, multidisciplinary rehabilitation programs to clients of the Workplace Safety and Insurance Board, extended health and auto insurance companies. A wide variety of community and complementary health services are included, such as massage, acupuncture, chiropody and chiropractic clinics.	Health Canada, Health Care Network, Glossary of Terms
Wait List Time Related		
Cancer Services	The delivery of cancer programs and services providing Ontario residents with access to cancer services regardless of where they live. These services include screening for early detection, access to drug treatments and evidence-based care guidelines for cancer care providers.	Cancer Care Ontario Website (Adapted)
Cardiac Services	The delivery of services and programs for the diagnosis, treatment and rehabilitation of heart related diseases.	Cardiac Care Network Website (Adapted)
Cataract Surgery	Surgery to remove cataracts (cloudy or opaque areas in the lens of the eye) and replace it with an artificial lens to restore clear vision.	Developed and adapted internally
Hip/Knee Joint Replacement	Hip and knee (unilateral or bilateral) replacement surgery performed on patients in acute care hospitals.	CIHI
MRI/CT Scan	Non-invasive procedures that use magnets and radio waves to produce a picture of the inside of the body.	Dorland's Medical Dictionary
Age Groups		
Children	Ages 0-11	Statistics Canada
Youth	Ages 12-17	Statistics Canada

Term	Definition	Definition Source
Adult	Ages18-64	Statistics Canada
Seniors	Ages 65+	Statistics Canada
Other Topics		
Diabetes Services	Services for patients diagnosed with diabetes. Diabetes is defined as "a condition in which the body either cannot produce insulin or cannot effectively use the insulin it produces."	Canadian Diabetes Association's Diabetes Dictionary (Health Canada Website)
Morbidity	Illness from a particular disease.	Health Canada, Health Care Network, Glossary of Terms
Mortality	Death from a particular disease.	Health Canada, Health Care Network, Glossary of Terms
Osteoporosis	A condition characterized by low bone mass and deterioration of bone tissue. This leads to increased bone fragility and risk of fracture, particularly of the hip, spine and wrist.	Osteoporosis Society of Canada Website
Paediatrics	A branch of medicine that deals with the medical care of infants and children.	MedTerms.com Medical Dictionary
Patient Safety	The avoidance, prevention, and amelioration of adverse outcomes or injuries stemming from the processes of health care. These events include "errors," "deviations," and "accidents."	National Patient Safety Foundation
Prescription Drugs	Authorized use of "any substance or mixture of substances manufactured or for the diagnosis, treatment, mitigation or prevention of disease, disorder or abnormal physical state.	Food and Drugs Act (Federal); Health Canada
Trauma/Injuries	Injuries reported resulting from the transfer of energy and defined by specific trauma related External Cause Codes. (e.g. - motor vehicle collisions, pedal cycling, falls, suicide and self-inflicted injuries, fire and drowning)	CIHI - Ontario Trauma Registry
Women's Health	An inclusive view of women's health that emphasizes social, physical and personal resources.	Ontario Women's Health Network Website

Note: The following terms/taxonomies must be further refined, from authoritative sources. The present collection of terms (and organizational structure) arises from internal documents (e.g. LHINs information requirements) and internal feedback.)